INDEX

SINCE 1974

Sr No	TYPE No.	DESCRIPTION	PAGE
	LIGHTING FIXTURE		
	Ex-d/Ex-nR Application		
1	FLT 61...Series	Ex-d Fluorescent Tubelight Fixture	6
2	LT 31...Series	Ex-d Fluorescent Tubelight Fixture	7
3	LW 51200	Ex-d wellglass Lighting Fixture (upto 125W MV/70W SV/200W GLS/150W MH/160W MLL)	8
4	LC 51...Series	Ex-d Control Gear Box (80/125W HPMV/70W HPSV/MH)	9
5	PA 61000	Ex-d Control Gear Box (upto 400W HPMV/HPSV/MH LAMP)	10
6	LW 51125	Ex-d Integral wellglass (upto 125W HPMV/70W HPSV/MH/45W LED)	11
7	LW 61250	Ex-d Integral wellglass (upto 250W HPMV/150W/MH/2x32W CFL/60W LED)	12
8	LW 61400	Ex-d wellglass Fitting (400W HPMV/500W GLS/250 HPSV/MH)	13
9	LW 51400	Ex-d Integral wellglass Fitting (250W MH/HPSV/400W HPMV, 90/120W LED)	14
10	LF 61400	Ex-d Non Integral Floodlight Fitting (250/400W MH/HPSV/HPMV/MLL/400W MV/SV, 60/90W LED)	15
11	AFL 31400	Ex-d Integral Floodlight Fitting (250/400W MH/HPSV/HPMV/400W HPMV/HPSV, 90/120W LED)	16
12	LB 61201	Ex-d Non Integral Bulkhead Fitting (upto125W HPMV/150W MH/200W GLS/2x26W CFL)	17
13	LB 61125	Ex-d Integral Bulkhead Fitting (80/125W HPMV/70W HPSV/MH, 30/45W LED)	18
14	LB 31 Series	Ex-d Integral Bulkhead Fitting (upto 200W GLS/upto 26 CFL, 30W LED)	19
15	FLT 61...Series	Ex-d Emergency Tubelight Fitting	20
16	LH 61060	Ex-d Hand Lamp (upto 100W GLS, 7/15W LED)	21
17	RV 61100	Ex-d Reaction Vessel Lamp (upto 100W GLS/20W CFL, 7W LED)	22
18	IL 61025	Ex-d Level Gauge illuminator (15/25W Pigmy Lamp)	23
19	LW 51200	Ex-d Twin Aviation Obstruction Light with LED	24
20	NLLK 2010 Series	Ex-e mb Non Metallic Fluorescent Tubelight Fixture	25
21	40031	Ex-nR Non Integral Wellglass Fitting (80/125W HPMV/200W GLS /150W MH/2x23W CFL/160W MLL)	26
22	LC 21401	Ex-e Control Gear Box (upto 250W HPMV/150W MH/HPSV)	27
23	LW 21202	Ex-nR Integral Wellglass (80/125W HPMV/70W HPSV/MH/42W CFL)	28
24	FCG/W/403-4	Ex-nR Non Integral Wellglass Fitting (upto 250W HPMV/MH/HPSV/300W GLS/250W MLL)	29
25	FCG/W/403-3	Ex-nR Non Integral Wellglass Fitting (upto 400W HPMV/MH/HPSV/500W GLS)	30
26	FCG/CG/417	Ex-e Control Gear Box (upto 400W HPMV/MH/HPSV)	31
27	FCG 7300	Ex-ia LED Safety Torch	32
28	MCL 2.5LMP	Cordless Safety Cap Light	33
29	LT 74 Series	Weatherproof Non Metallic Fluorescent Tubelight Fixture (upto 2x18/36W)	34
30	-	Suspension Arrangement for Wellglass Fitting	35
31	-	External Reflector for Wellglass Fitting	36
	JUNCTION BOX		
	Ex-d, IIA & IIB (ZONE 1 & 2)		
32	SC 361...Series	Ex-d & WP Multiway Junction Box	41
33	DB 31...Series	Ex-d & WP Multiway Junction Box	42
34	SC 31...Series	Ex-d & WP Multiway Junction Box	43
35	SC 31...Series	Ex-d & WP Multiway Junction Box	44
36	SC 3110075	Ex-d & WP Multiway Junction Box (750MM x 1010MM x 350MM)	45
	Ex-e (Increased Safety) (ZONE 2)		
37	IJ 21100	Ex-e & WP Junction Box 100 Dia.	47
38	FCG/JB/1004-5	Ex-e & WP Junction Box 125 Dia.	47
39	JB/1004...Series	Ex-e & WP Multiway Junction Box	48
40	IJ 21...Series	Ex-e & WP Multiway Junction Box	49
41	JBE ...Series	Ex-e & WP Multiway Junction Box	50
42	P GR C... Series	Ex-e & WP Non Metallic Multiway Junction Box	51
43	P GR G... Series	WP Non Metallic Multiway Junction Box	52
	Ex-d, IIC (ZONE 1 & 2)		
44	IJ 61100	Ex-d & WP Junction Box Dia. 100 mm	54
45	IJ 61125	Ex-d & WP Junction Box Dia. 125 mm	54
46	IJ 61170	Ex-d & WP Multiway Junction Box Dia. 170 mm	55
47	IJ 61...Series	Ex-d & WP Multiway Junction Box	56
48	SC 61...Series	Ex-d & WP Multiway Junction Box	57
	SWITCH GEAR		
	Ex-d, IIA & IIB (ZONE 1 & 2)		
49	PB 61201/61202	Ex-d & WP Push Button Station (Start/Stop/Only Start/Only Stop)	61
50	PB 61...Series	Ex-d & WP Push Button Station (Start/Stop/Indicating Lamp)	62
51	PB 61207/61208	Ex-d & WP Rotary Selector Switch/Ammeter Box	63
52	PB 61209/61210	Ex-d & WP Fire Alarm Station/Limit Switch	64
53	IJ 61107	Ex-d & WP Rotary Switch (Direct Entry)	65
54	IJ 61109	Ex-d & WP Fire Alarm Station (Direct Entry)	65
55	IJ 61110	Ex-d & WP Limit Switch with Top Push Roller	66
56	LC 51...Series	Ex-d & WP Local Control Station	67
57	PA 61000	Ex-d & WP Local Control Station	68
58	IJ 61204T	Ex-d & WP Local Control Station	69
59	PB 61254	Ex-d & WP Switch Socket Combined (25A, 4Pin)	70

60	LC 51...Series	Ex-d & WP Switch Socket Combined (32A, 5Pin)	71
61	PA 61000	Ex-d & WP Switch Socket with Transformer / MCB	72
62	RS 61635	Ex-d & WP Switch Socket Combined (63A, 5Pin)	73
63	FCG DB/351	Ex-d & WP Multiway Switch Socket Combined with max. 8 Outlets	74
64	IJ 61204T	Ex-d & WP Switch Fuse Unit Rated 63A	75
65	DB 31340	Ex-d & WP Switch Fuse Unit Rated 125A	76
66	PA 31000/PA 61000	Ex-d & WP D.O.L. Starter Rated upto 15 HP & 10 HP with Isolator	77
	DISTRIBUTION BOARD		
67	DB 31340	Ex-d & WP 6 Way Lighting Distribution Board	79
68	DB 31340	Ex-d & WP 12 Way Lighting Distribution Board	79
69	DB 31340	Ex-d & WP 18 Way Lighting Distribution Board	80
70	DB 31340	Ex-d & WP 24 Way Lighting Distribution Board	80
71	DB 31340ABS	Ex-d & WP 36 Way Lighting Distribution Board	81
	Ex-ed Non Metallic LCS		
72	PGR C 12 12 09	Ex-ed Non Metallic Start/Stop Push Button Station	82
73	PGR C 16 26 09	Ex-ed Non Metallic Rotary Switch (UPTO 32A,)	83
74	PGR C 25 25 12	Ex-ed Non Metallic Local Control Station with Ammeter Switch & 3 Nos. Indicating Lamp	84
	INDUSTRIAL WEATHERPROOF LOCAL CONTROL STATION/SWITCH SOCKET		
75	WLC 10 16 801	WP Only Stop Push Button Station	86
76	WLC 10 16 802	WP Only Start Push Button Station	86
77	WLC 10 16 803	WP Start-Stop Push Button Station	87
78	WLC 10 16 804	WP Switch	87
79	WLC 12 22 901	WP Stop + Forward + Reverse Push Button Station	88
80	WLC 12 22 902	WP Start + Stop Push Button Station & Indicating Lamp	88
81	WLC 12 22 903	WP Start + Stop Push Button Station & Switch	89
82	WLC 12 22 904	WP Start + Stop + Forward + Reverse Push Button Station	89
83	WLC 12 22 905	WP LCS with two Switch	90
84	WLC 16 26 901	WP Start + Stop Push Button with Switch & Ammeter	90
85	WLC 16 26 902	WP LCS with two Switch & Ammeter	91
86	WLC 16 26 903	WP Start + Stop Push Button with Ammeter	91
87	WLC 16 26 904	WP LCS with Ammeter & 3 Nos. Push Button	92
88	WLC 16 26 905	WP LCS with 2 Switch & 4 Nos. Push Button	92
89	WLC 16 26 906	WP LCS with 3 Nos. Push Button & 3 Nos. Indicating Lamp	93
90	WLC 16 26 907	WP LCS with Start Stop Push Button, Ammeter & Indicator	93
91	WLC 16 26 908	WP LCS with Switch & 5 Nos. Push Button	94
92	WLC 16 26 909	WP LCS with Start Stop Push Button & 2 Switch	94
93	RS 76635	WP Switch Socket (3Pin/4Pin/5Pin)	95
94	RS 71635	WP Switch Socket 63A, 5Pin	95
	MISCELLANEOUS		
95	TW61001	Ex-d IIA, IIB, IIC Cum Intrinsically Safe Telephone	98
96	TW61001	Ex-d IIA, IIB, IIC Audio-Visual Unit	99
97	MCH 6001	Ex-d IIA, IIB, IIC Hooter/Speaker	100
98	G _ 5.. Series	Ex-d DC Cable Gland	101
99	G _ 6.. Series	Ex-d DC Cable Gland	102
100	6.. Series	Ex-d Conduit Accessories	103
101	FSW 66005	Ex-d & Ex-M Certified Micro Switch	104
102	IL 65001	Ex-d IIC Indicating Lamp (LED)	104
103	FCG/ISR/1001	Ex-ia Safety Relay/Power Supply Unit	104
104	EX-PB0201...Series	Ex-d IIC Components.	105
105	EF 1002	Ex-d Pedestal/Air Circulation/Exhaust Fan	106
	CLEANROOM FIXTURES		
	Ex-d Lighting Fixtures for Clean room		
106	LT 51236	Ex-d & WP Tube Light Fitting (Bottom Openable) for 2 x 36W CFL	110
107	LT 51236	Ex-d & WP Tube Light Fitting (Top Openable) for 2 x 36W CFL	111
108	CLT 22...Series	Ex-e mb, Zone-1&2, Tubelight Fitting upto 3x36W CFL	112
109	LB 61223	Ex-d IIA, IIB, IIC Bulkhead Light Fixture (Bottom Openable)	113
110	LB 31226	Ex-d & WP Bulkhead Light Fixture (Top Openable)	114
111	LB 31…Series	Ex-d & WP Bulkhead Fixture (Bottom Openable)	115
112	LB 31…Series	Ex-d IIA/IIB Integral Bulkhead Fixture (Bottom Openable)	116
113	LB 61125	Ex-d IIC Integral Bulkhead Fixture (Bottom Openable)	117
	Ex-d, IIA/IIB & IIC Flush Mounting Enclosures for Clean room		
114	PB 61202	Ex-d & WP Flush Mounting Start-Stop Push Button	118
115	PB 61207	Ex-d & WP Flush Mounting Rotary / Selector Switch	119
116	PB 61254	Ex-d & WP Flush Mounting Switch Socket combined	120

Our Valued Patrons

SINCE 1974













































































































































































Experts in Explosionproof


DO NOT OPEN WHEN ENERGISED



LIGHTING FIXTURES

SINCE 1974

Flameproof & Weatherproof Fluorescent Tube Light Fixture

Technical Data : FLT 61...Series

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/P/983

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT RESISTANT & BOROSILICATED CLEAR TUBULAR GLASS

HOLDER :
BI-PIN TYPE

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

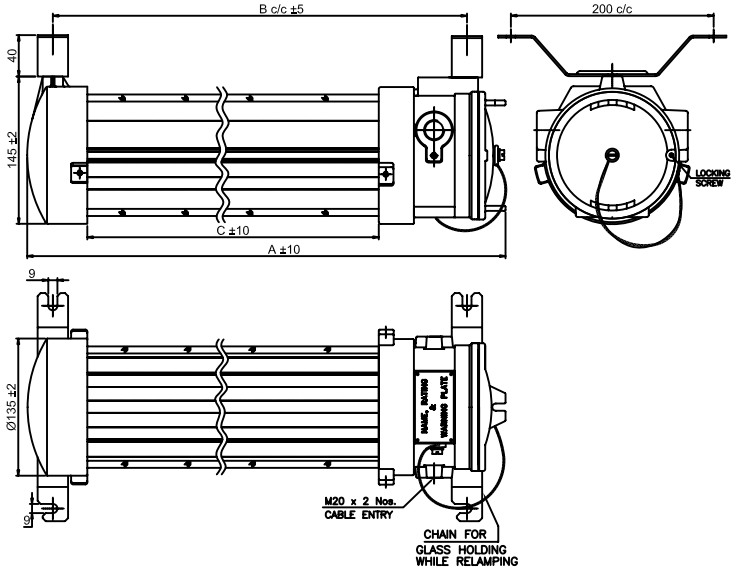
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST:
1) EXTERNAL REFLECTOR
2) WIRE GUARD
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
4) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
5) LAMP
6) ENCLOSURE WITH POLYCARBONATE CLEAR & TRANSPARENT TUBE DEVELOP ON REQUEST

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST





SR. No.	WATTAGE LAMP & BALLAST (AC/DC)	TEMP. CLASS	DIMENSIONS		
			A ±10	B ±5	C ±10
1	11/18W CFL With / Without Emergency Battery Back up	T6	475	405	290
2	10/20W LED With / Without Emergency Battery Back up				
3	1x18/20W / 2x18/20W Fluorescent Tube Lamp (T8)	T6	755	695	565
4	1x36W / 2x36W Compact Fluorescent Lamp / 30W LED				
5	2x18W FTL With / Without Emergency Battery Back up				
6	1x10W / 2x10W LED TUBE LAMP				
7	1x36W / 2x36W Fluorescent Tube Lamp (T8)	T6	1330	1270	1145
8	2x28W / 3x28W Fluorescent Tube Lamp (T5)				
9	2x36W FTL With / Without Emergency Battery Back up				
10	1x22W / 2x22W LED TUBE LAMP / 60W LED				
11	2x54W / 3x54W Fluorescent Tube Lamp (T5)	T5			
12	1x58/65W / 2x58/65W Fluorescent Tube Lamp (T8)	T6	1640	1570	1450

SINCE 1974

Flameproof & Weatherproof Fluorescent Tube Light Fixture

Technical Data : LT 31...Series

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1 & IS/IEC60079-0

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1540

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT RESISTANT & BOROSILICATED CLEAR TUBULAR GLASS

HOLDER :
BI-PIN TYPE

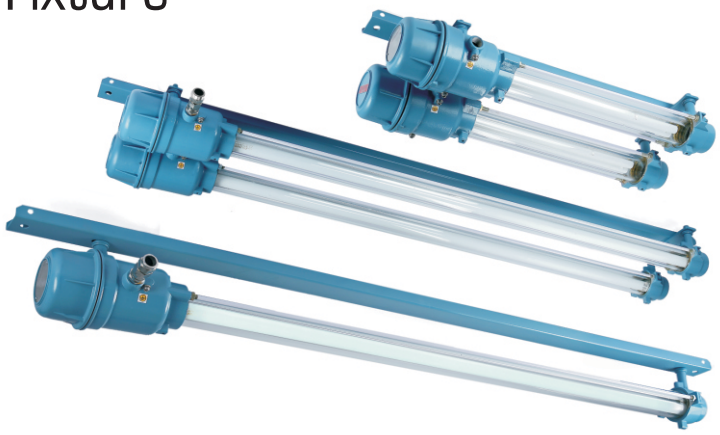
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

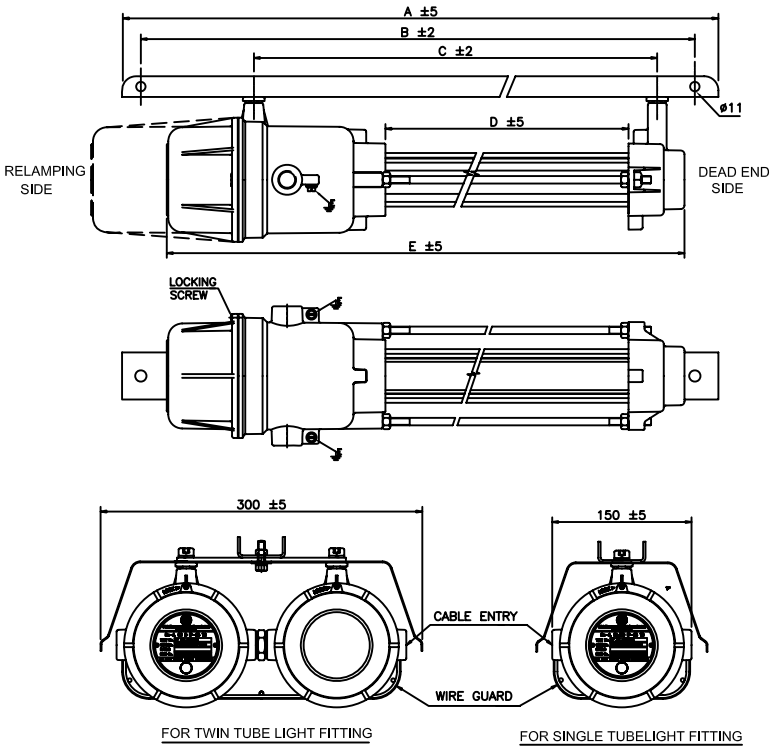
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST:
1) EXTERNAL REFLECTOR
2) WIRE GUARD
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
4) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
5) LAMP
6) ENCLOSURE WITH POLYCARBONATE CLEAR & TRANSPARENT TUBE DEVELOP ON REQUEST





SR. No.	TUBES/ LAMPS	TEMP. CLASS	DIMENSION (mm)					REMERK
			A ±5	B ±2	C ±2	D ±5	E ±5	
1	1x18/20W (T8)	T6	930	880	705	550	840	-
2	2x18/20W (T8)	T6	930	880	705	550	840	AS ON REQUEST
3	1x36/40W (T8)	T6	1525	1480	1320	1150	1440	-
4	2x36/40W (T8)	T6	1525	1480	1320	1150	1440	AS ON REQUEST
5	1x58/65W (T8)	T6	1830	1785	1620	1450	1740	AS ON REQUEST
6	2x58/65W (T8)	T6	1830	1785	1620	1450	1740	AS ON REQUEST
7	1x36W CFL	T6	750	710	570	400	690	-
8	2x36W CFL	T6	750	710	570	400	690	AS ON REQUEST
9	2x11/18/26W CFL	T6	540	510	360	225	465	-
10	1x28W (T5)	T5	1525	1480	1320	1150	1440	-
11	2x28W (T5)	T5	1525	1480	1320	1150	1440	AS ON REQUEST

SINCE 1974

Flameproof & Weatherproof Well Glass Lighting Fixture

Technical Data : LW 51200

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1546

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E-27 / BI-PIN TYPE

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

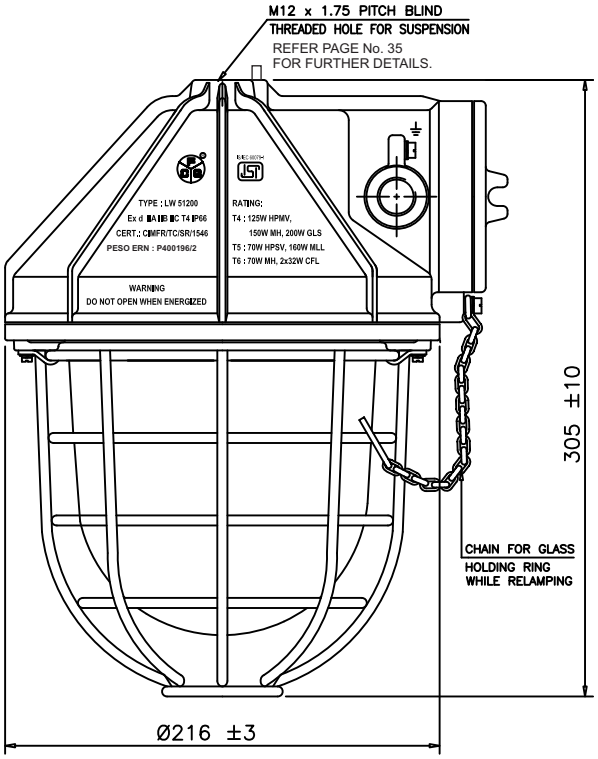
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR
C) PRESSURE DIE CAST ENCLOSURE





Sr. No.	RATING	TEMP. CLASS
1	80/125W HPMV	T4
2	160W MLL	T5
3	200W GLS	T4
4	55W FLASHER/BEACON LAMP	T6
5	70W HPSV	T5
6	70W MH	T6
7	150W MH	T4
8	30W LED	T6
9	2x23 / 2x26W CFL	T6

SINCE 1974

Flameproof & Weatherproof Control Gear Box

Technical Data : LC 51...Series

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/160

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
80/125 WATT HPMV - T6
70 WATT METAL HALIDE - T6
70 WATT HPSV - T6

COMPONENT :
GEAR PLATE WITH FOLLOWING COMPONENTS :
A) COPPER WOUND BALLAST
B) POWER FACTOR IMPROVEMENT CAPACITOR
C) HRC FUSE
D) TERMINALS, RAIL MOUNTED CLIPON TYPE
E) IGNITOR FOR HPSV/MH LAMP

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

MOUNTING :
IN BUILT HOLES FOR MOUNTING

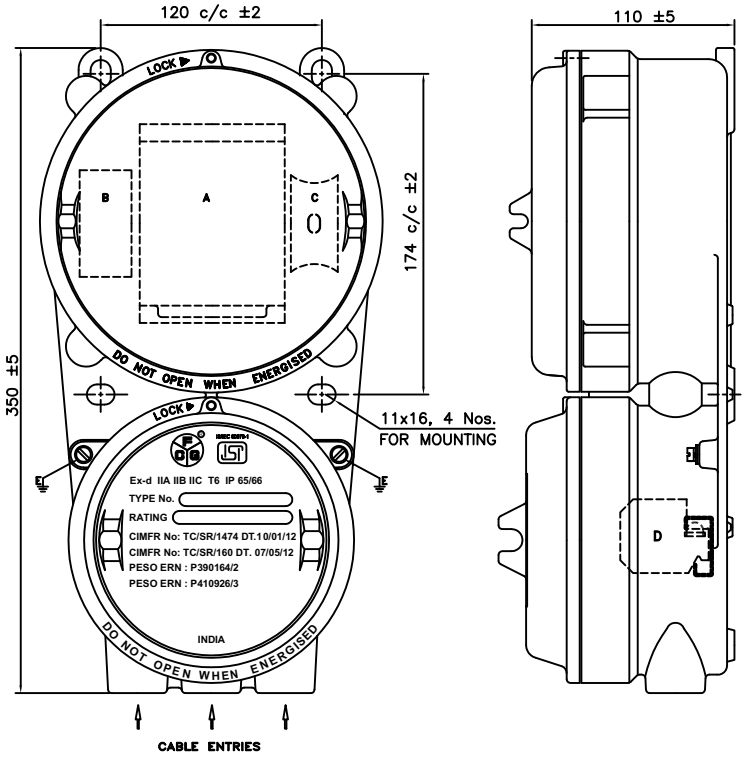
CABLE ENTRY :
M20 x 3 Nos.

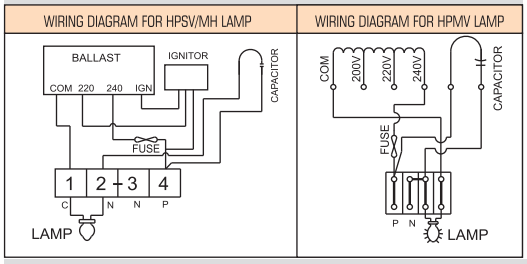
OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENTS

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) SEPARATE TERMINAL BOX
C) PRESSURE DIE CAST ENCLOSURE

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST







SINCE 1974

Flameproof & Weatherproof Control Gear Box

Technical Data : PA 61000

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/797
CIMFR/TC/SR/1474

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE & TEMP. CLASS - T6

COMPONENT :
GEAR PLATE WITH FOLLOWING COMPONENTS :
A) COPPER WOUND BALLAST
B) POWER FACTOR IMPROVEMENT CAPACITOR
C) HRC FUSE
D) TERMINALS, RAIL MOUNTED CLIPON TYPE
E) IGNITOR FOR HPSV/MH LAMP

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

MOUNTING :
IN BUILT HOLES FOR MOUNTING

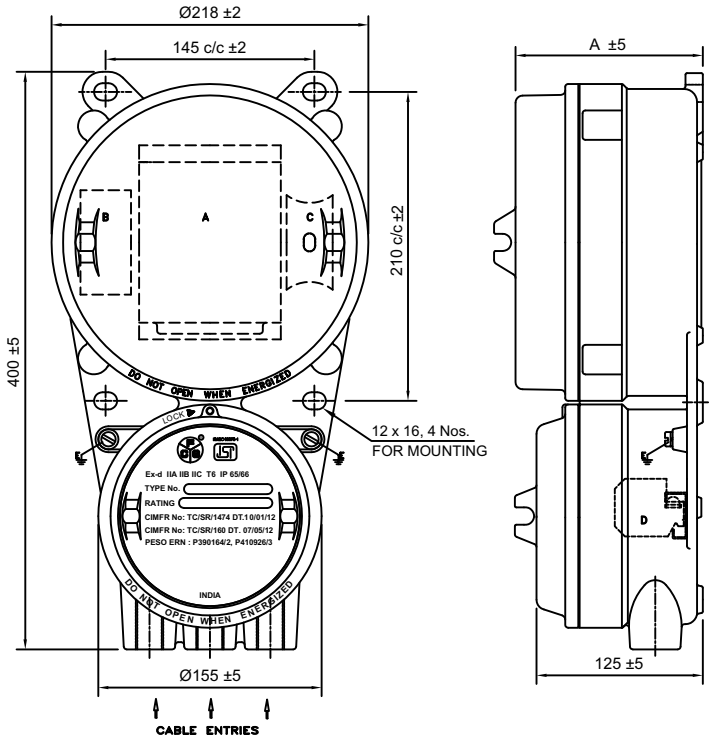
CABLE ENTRY :
M20 x 3 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENTS

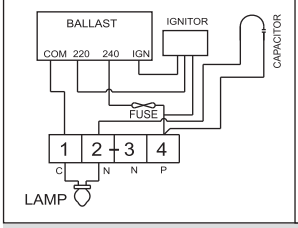
SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) DIE CAST ENCLOSURE

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST

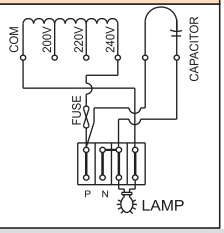




WIRING DIAGRAM FOR HPSV/MH LAMP



WIRING DIAGRAM FOR HPMV LAMP



FOR HPSV/MH LAMP	
RATING WATT	HEIGHT 'A'
150 W	130 mm.
250 W	140 mm.
400 W	140 mm.

FOR HPMV LAMP	
RATING WATT	HEIGHT 'A'
250 W	140 mm.
400 W	140 mm.

CIMFR / PESO / BIS

SINCE 1974

Flameproof & Weatherproof Well Glass Lighting Fixture with Integral Control Gear

Technical Data : LW 51125

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1545 / CIMFR/TC/S/884

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
AS PER TABLE

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

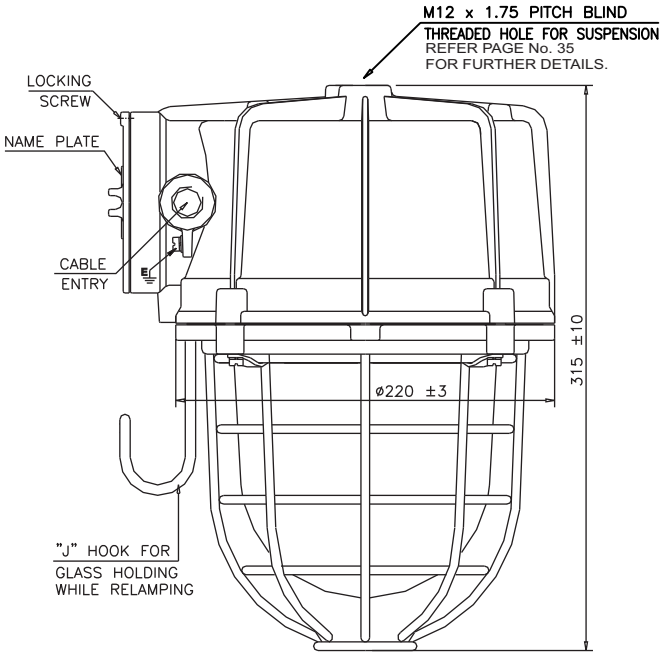
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP
6) S.S. WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE
C) MIRROR POLISHED INTERNAL REFLECTOR
D) PRESSURE DIE CAST ENCLOSURE

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST
2) THIS LIGHT FIXTURE IS ALSO AVAILABLE WITH EMERGENCY MODE





Sr. No.	RATING	TEMP. CLASS	HOLDER	BALLAST	CAPACITOR
1	125W HPMV	T4	E-27	125W	10 MFD
2	160W MLL	T5	E-27	N.A.	N.A.
3	200W GLS	T5	E-27	N.A.	N.A.
4	55W ROTATING BEACON LAMP	T6	-	N.A.	N.A.
5	70W HPSV	T5	E-27	70W	N.A.
6	2x26W CFL	T6	G-24	2x26W	N.A.
7	70W METAL HALIDE	T6	E-27	70W	10 MFD
8	150W METAL HALIDE (NON INTEGRALY)	T4	E-27	-	-
9	3x26W CFL	T5	G24	3x26W	-

SINCE 1974

Flameproof & Weatherproof Well Glass Lighting Fixture with Integral Control Gear

Technical Data : LW 61250

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1& IS/IEC 60079-0

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1199 / CIMFR/TC/S/H124

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

COMPONENTS :
GEAR PLATE WITH FOLLOWING COMPONENTS
A) COPPER WOUND BALLAST
B) POWER FACTOR IMPROVEMENT CAPACITOR
C) VIBRATION PROOF 2 WAY TERMINAL BLOCK
D) IGNITOR (ONLY FOR HPSV & MH LAMP)

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
AS PER TABLE

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S. GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

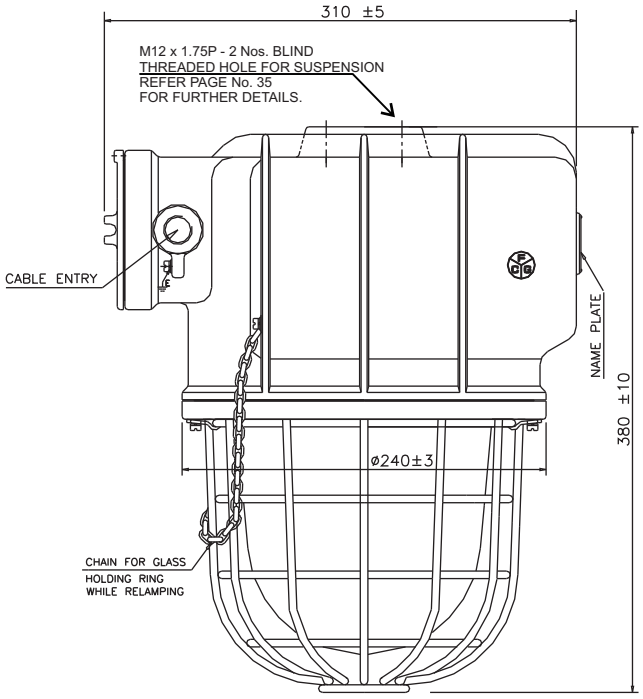
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR
C) DIE CAST ENCLOSURE

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST





Sr. No.	RATING	TEMP. CLASS	HOLDER	BALLAST	CAPACITOR
1	250W HPMV	T4	E-40	250W	12 MFD
2	250W MLL	T4	E-40	-	-
3	230V, 75VA NEON SPRIAL LAMP	T6	-	-	-
4	300W GLS	T4	E-40	-	-
5	150W HPSV	T5	E-40	150W	
6	150W METAL HALIDE	T4	E-40	150W	12 MFD
7	2 x 32W CFL	T6	E-27	SELF BALLAST	- -

SINCE 1974

Flameproof & Weatherproof Well Glass Lighting Fixture

Technical Data : LW 61400

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1476

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
400 Watt HPMV LAMP - T3
500 Watt GLS LAMP - T3
250 Watt MLL LAMP - T4
250 Watt MH LAMP - T4
250 Watt HPSV LAMP - T4

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E-40

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S. GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

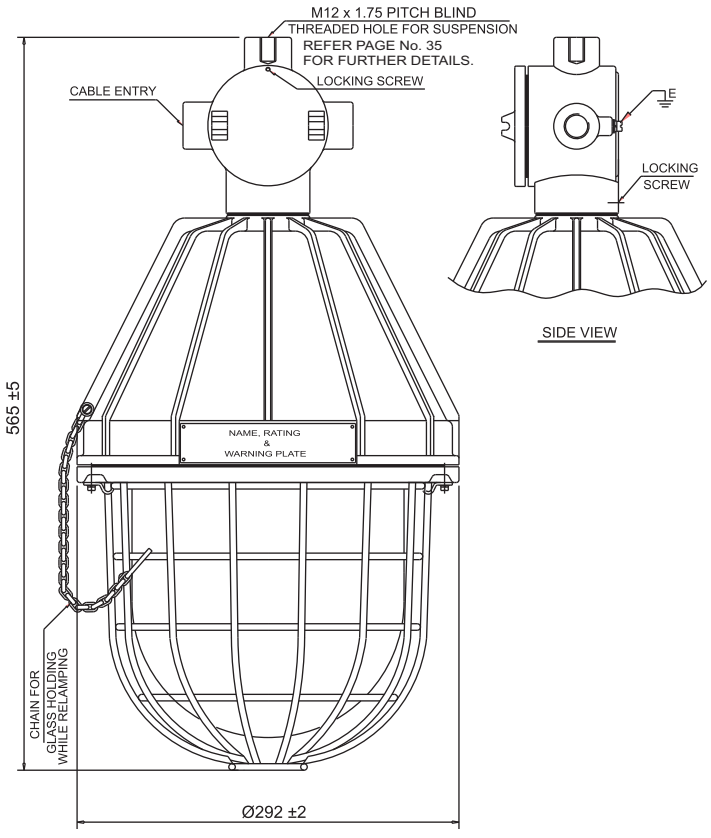
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST





SINCE 1974

Flameproof & Weatherproof Integral Well Glass Lighting Fixture

Technical Data : LW 51400

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/P/475

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :

400 Watt MH LAMP	- T3
250 Watt MH LAMP	- T4
400 Watt HPSV LAMP	- T3
250 Watt HPSV LAMP	- T4
400 Watt HPMV LAMP	- T3

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E-40

INTERNAL REFLECTOR :
ALUMINIUM ANODISED OR SHEET STEEL

WIRE GUARD :
M.S. GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

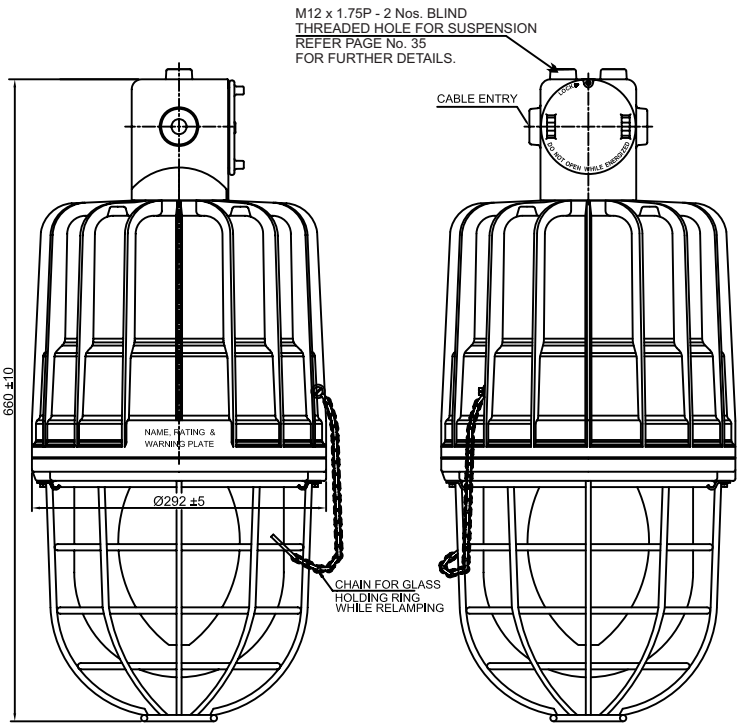
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST





SINCE 1974

Flameproof & Weatherproof Flood Light Fixture



Technical Data : LF 61400 / LF 61200

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/SR/TC/H414
CIMFR/TC/S/H137

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

LAMP HOLDER :
PORCELAIN E-27/E40

INTERNAL REFLECTOR :
MIRROR POLISHED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

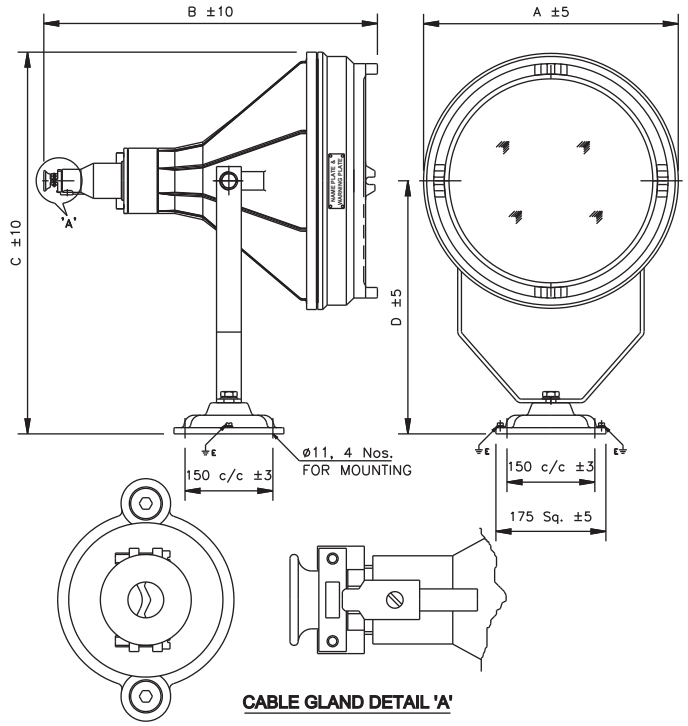
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M25 x 1 No. WITH BELL MOUTH CABLE GLAND

OPTIONAL ACCESSORIES AT EXTRA COST :
1) WIRE GUARD
2) LAMP
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
4) DOUBLE COMPRESSION CABLE GLAND (BNP/SS)
5) M20 x 2 Nos. CABLE ENTRY
6) CONTROL GEAR BOX FOR MV/MH/SV LAMP.

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) BETTER QUALITY INTERNAL REFLECTOR
C) EASY TO REPLACE THE LAMP

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST



CABLE GLAND DETAIL 'A'

TYPE No.	LAMP RATING AT 250V AC	LAMP HOLDER	SURFACE TEMP. CLASS	DIMENSIONS			
				A±5	B±10	C±10	D±5
LF 61200	200 WATT GLS	E27	T6	300	395	500	350
	70 WATT MH	E27	T6				
	80 WATT HPMV	E27	T6				
	160 WATT MLL	E27	T4				
	100 WATT GLS	E27	T6				
	125 WATT HPMV	E27	T4				
	150 WATT MH	E27	T4				
	150 WATT HPSV	E27	T6				
	70 WATT HPSV	E27	T6				
LF 61400	400 WATT HPMV	E40	T4	410	550	610	410
	250 WATT HPSV	E40	T4				
	400 WATT HPSV	E40	T4				
	500 WATT GLS	E40	T3				
	250 WATT MATAL HEALIDE	E40	T5				
	250 WATT HPMV	E40	T5	410	490	610	410
	250 WATT MLL	E40	T4				
	300 WATT GLS	E40	T4				

SINCE 1974

Flameproof & Weatherproof Flood Light Fixture

Technical Data : AFL 31400

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/P/H56

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
MIRROR POLISHED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

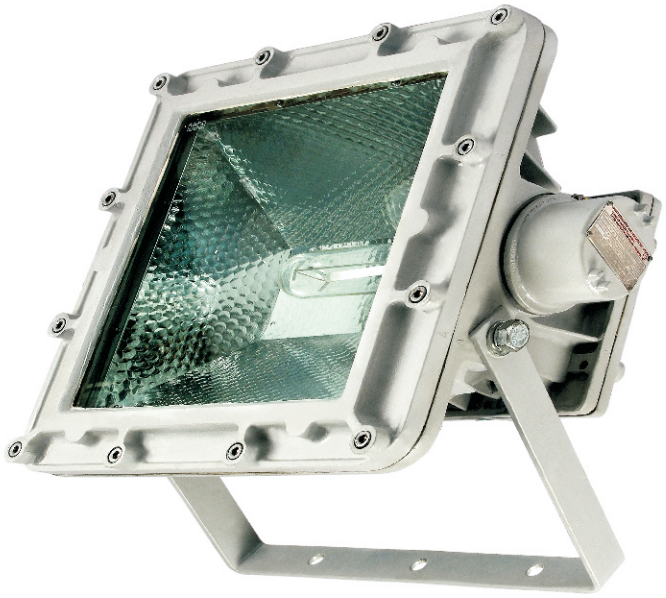
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

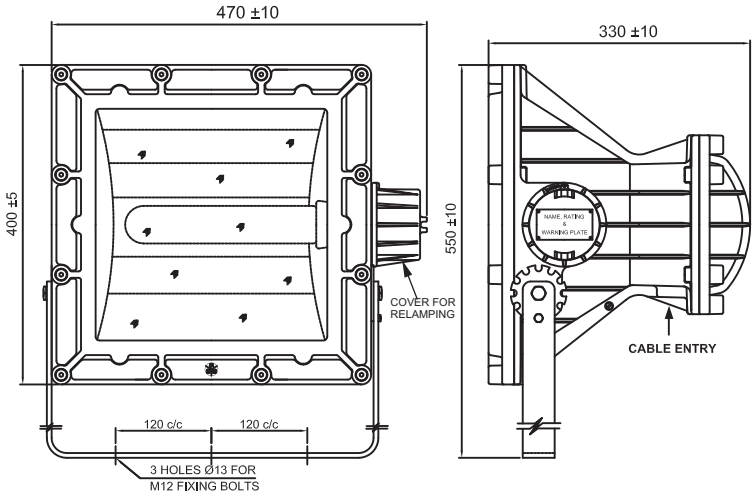
CABLE ENTRY :
M20 x 1 No.

OPTIONAL ACCESSORIES AT EXTRA COST :
A) WIRE GUARD
B) LAMP
C) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) BETTER QUALITY INTERNAL REFLECTOR
C) EASY TO REPLACE THE LAMP

NOTE:
1) USE TUBULAR LAMP





RATING & SURFACE TEMP.

No.	WATTAGE	LAMP	LAMP HOLDER	MAX. SURFACE TEMP. CLASS WITH RESPECT TO AMBIENT	
				–20°C TO +40°C	–20°C TO +55°C
1	250W	HPMV	E40	T4	T3
2	400W	HPMV	E40	T4	T3
3	250W	HPSV	E40	T4	T3
4	400W	HPSV	E40	T3	T3
5	150W	METAL HALID	E27	T4	T3
6	250W	METAL HALID	E40	T4	T3
7	400W	METAL HALID	E40	T4	T3
FIXTURE IS COMPLY WITH SUITABLE CONTROL GEAR					
8	500W	LINEAR/HALOGEN	R7s	T3	T3

SINCE 1974

Flameproof & Weatherproof Bulkhead Fixture

Technical Data : LB 61201

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1475

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
MIRROR POLISHED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

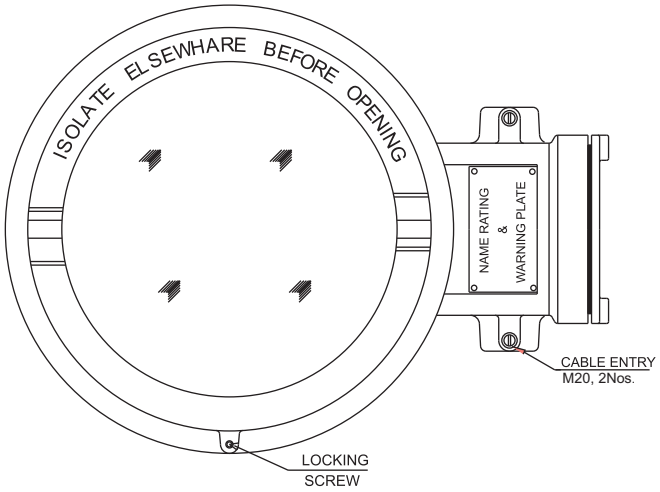
CABLE ENTRY :
M20 x 2 Nos.

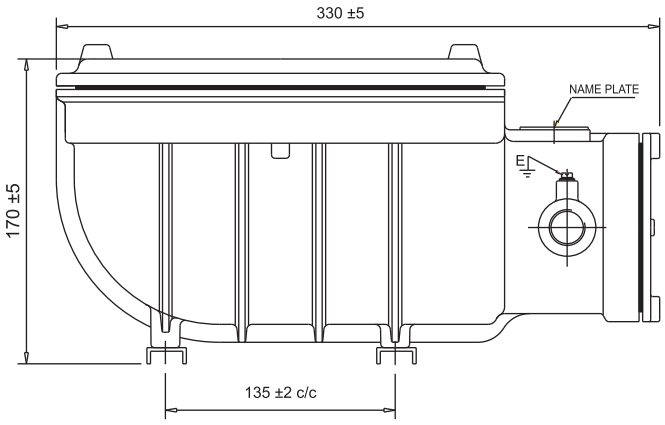
OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) WIRE GUARD
3) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
4) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR
C) EASY TO REPLACE THE LAMP

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST







Sr. No.	RATING	TEMP. CLASS	HOLDER	BALLAST
1	80W HPMV	T5	E-27	N.A.
2	125W HPMV	T4	E-27	N.A.
3	160W MLL	T3	E-27	N.A.
4	200W GLS AC/DC	T4	E-27	N.A.
5	100W GLS	T5	E-27	N.A.
6	70W HPSV	T6	E-27	N.A.
7	70W METAL HALIDE	T5	E-27	N.A.
8	150W METAL HALIDE	T3	E-27	N.A.
9	2x23W CFL	T6	E-27	SELF BALLAST
10	2x26W CFL	T6	Bi-PIN TYPE	2x26W

SINCE 1974

Flameproof & Weatherproof Integral Bulkhead Fixture

Technical Data : LB 61125

ENCLOSURE :
Ex-d, GAS Gr. IIA,IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/337

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :

80/125WATT HPMV	- T4
70WATT MH	- T5
70WATT HPSV	- T5
2 x 23W CFL	- T6

COMPONENTS :
GEAR PLATE WITH FOLLOWING COMPONENTS
A) BALLAST
B) CAPACITOR & (IGNITOR FOR HPSV/MH LAMP)
C) 2 WAY TERMINAL BLOCK

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

LAMP HOLDER :
PORCELAIN E-27

WIRE GUARD :
M.S. GALVANIZED & WHITE EPOXY PAINTED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HWARE ARD:
STAINLESS STEEL

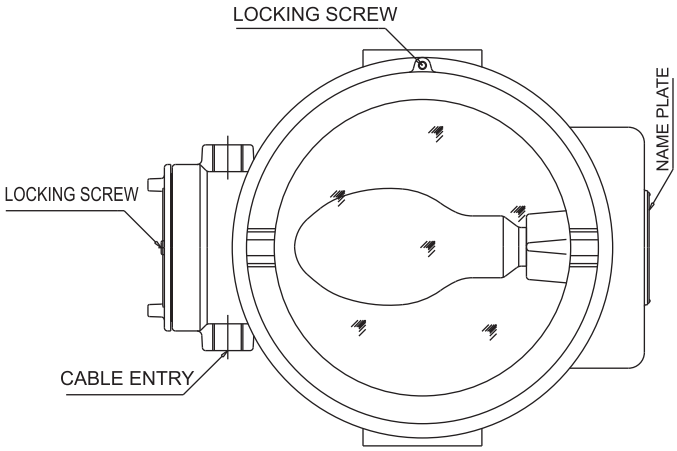
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

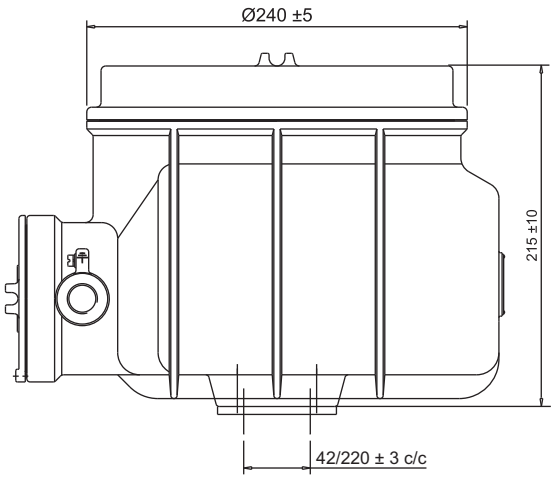
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST:
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
3) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR
C) EASY TO REPLACE THE LAMP



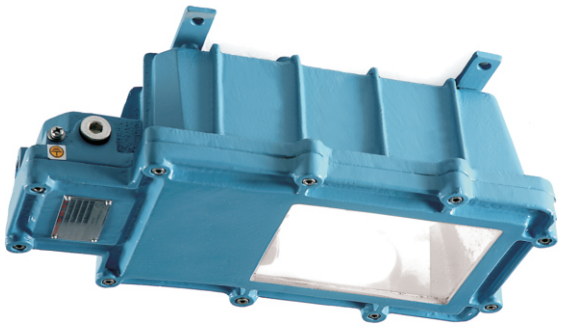




SINCE 1974

Flameproof & Weatherproof Bulkhead Lighting Fixture





Technical Data : LB 31... Series

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1
& IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/H112

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
AS PER TABLE

COMPONENTS :
1) CONTROL GEAR (BALLAST, CAPACITOR, IGNITER)
2) LAMP HOLDER E-27 (BI-PIN TYPE FOR CFL LAMP)
3) 2 WAY TERMINAL BLOCK

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
MIRROR POLISHED

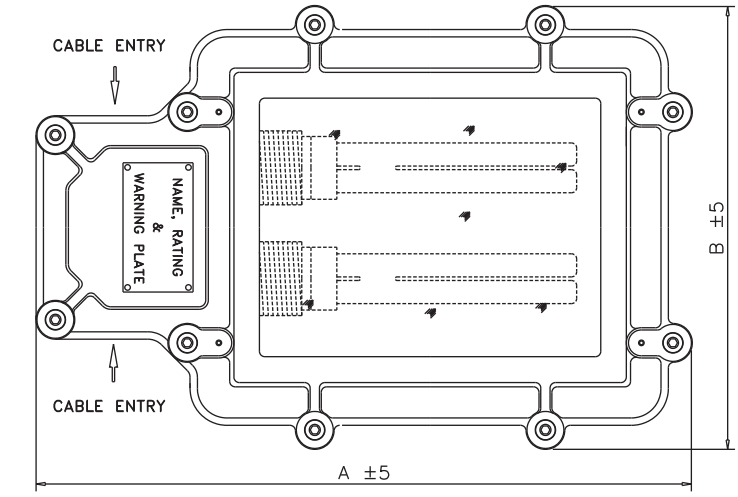
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632
AS PER IS:5

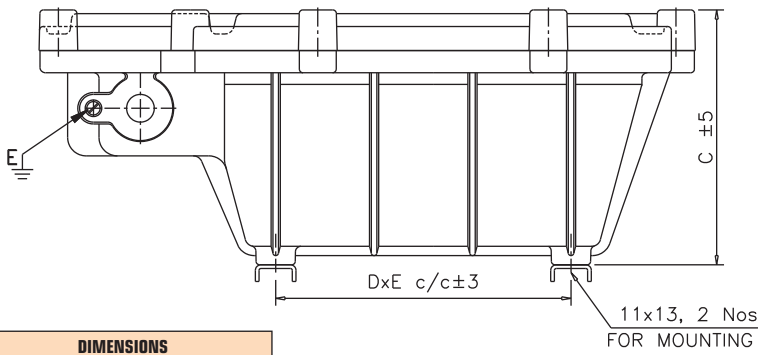
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) CABLE ENTRY THREADS OTHER THAN M20

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) MIRROR POLISHED INTERNAL REFLECTOR
C) EASY TO REPLACE THE LAMP





SR. No.	LAMP RATING AT 250V AC / DC	FIXTURE TYPE	SURFACE TEMP. CLASS	DIMENSIONS A±5	B±5	C±5	D±3	E±3
1	2 x 26W CFL	INTEGRAL	T6	355	240	145	160	160
2	2 x 23W CFL	SELF BALLASR	T6					
3	160W MLL	NON INTEGRAL	T4					
4	200W GLS	NON INTEGRAL	T3					
5	80W HPMV	INTEGRAL	T6					
6	125W HPMV	INTEGRAL	T3	450	240	145	255	160
7	70W MH	INTEGRAL	T3					
8	70W HPSV	INTEGRAL	T3					

SINCE 1974

Flameproof & Weatherproof Emergency Tube Light Fixture

Technical Data : FLT 61...Series

ENCLOSURE :
Ex-d, GAS Gr. IIA,IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529:2001

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/96

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
11 WATT COMPACT FLUORESCENT TUBE LAMP - T6
8 WATT FLUORESCENT TUBE LAMP - T6

TRANSPARENT PART :
HEAT RESISTANT & BOROSILICATED CLEAR TUBULAR GLASS

BATTERY BACK-UP :
Ni-cd. RECHARGEABLE BATTERY

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

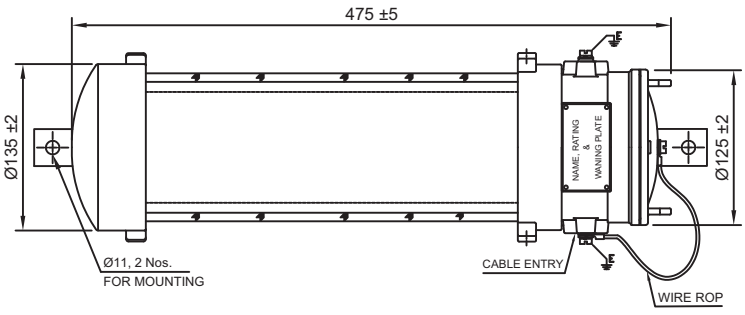
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

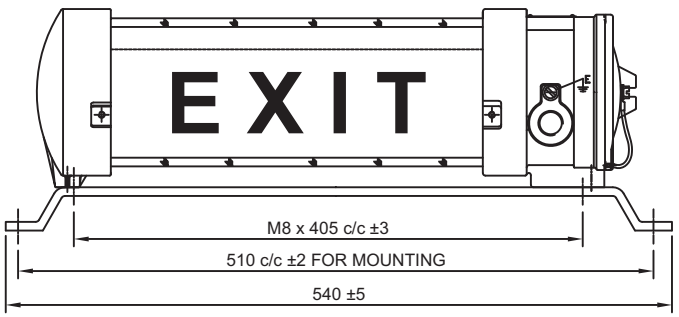
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST:
1) MOUNTING BRACKET AS PER CUSTOMER REQUIREMENT
2) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
3) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
4) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) EASY TO REPLACE THE LAMP







SINCE 1974

Flameproof & Weatherproof Hand Lamp Fitting

Technical Data : LH 61060

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1584
CIMFR/TC/SR/819

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
60 Watt GLS LAMP - T6
100 Watt GLS LAMP - T6

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E-27

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 1 No. OUTSIDE

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

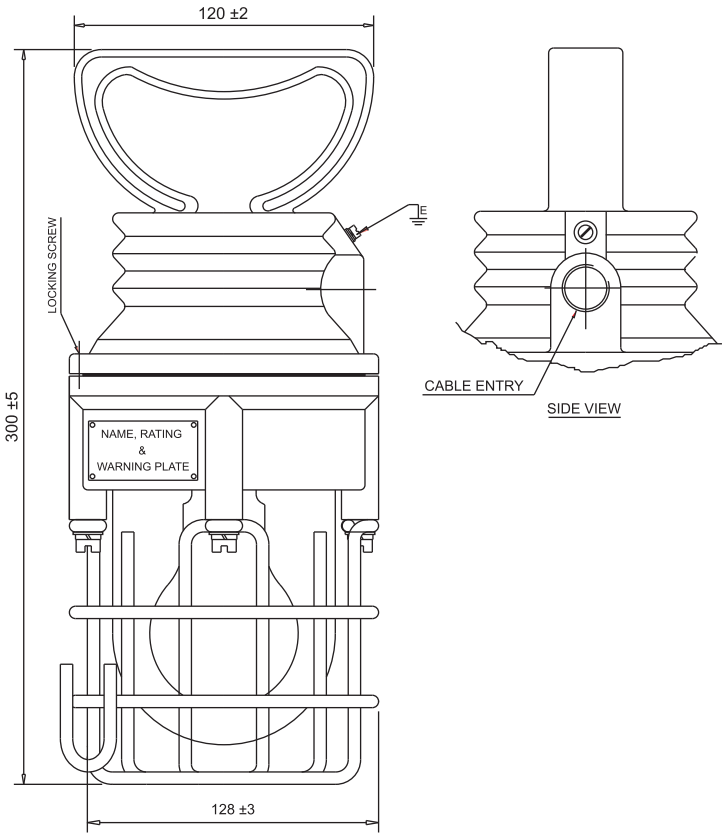
CABLE ENTRY :
M20 x 1 No.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) EASY TO REPLACE THE LAMP

NOTE:
1) MOC: STAINLESS STEEL / CAST IRON ON REQUEST





SINCE 1974

Flameproof & Weatherproof Reaction Vessel Lamp



Technical Data : RV 61100

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1572

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
60 Watt GLS LAMP - T5
18/20 Watt CFL LAMP - T6
100 Watt GLS LAMP - T5

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

LAMP HOLDER :
PORCELAIN E-27

SWITCH :
16A, DP, ON-OFF, 250V, A.C. 50Hz

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

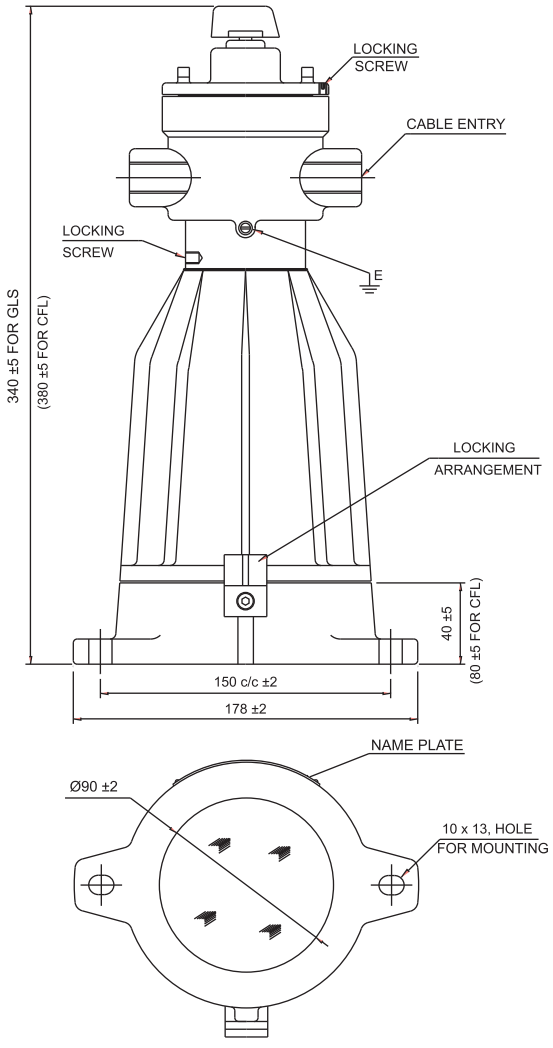
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
3) LAMP
4) WITH TIMER & PUSH BUTTON

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) EASY TO REPLACE THE LAMP



SINCE 1974

Flameproof & Weatherproof Level Gauge Illuminator

Technical Data : IL 61025

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1585

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATING & TEMP. CLASSIFICATION :
15W, 250V, AC - T6
25W, 250V, AC - T6

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E-27

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

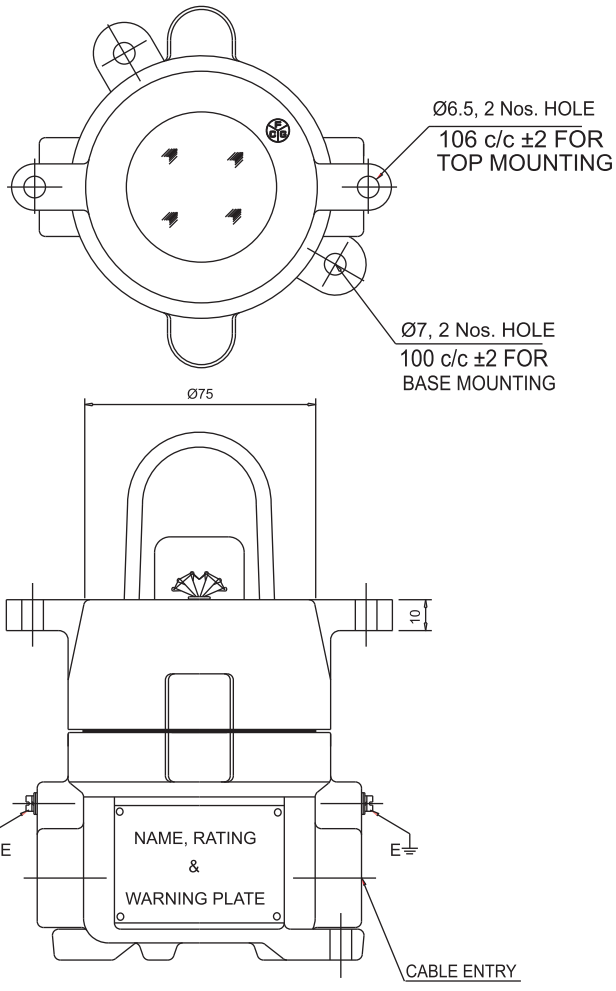
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) WIRE GUARD
4) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) EASY TO REPLACE THE LAMP





SINCE 1974

Flameproof & Weatherproof Twin Aviation Obstruction Light

Technical Data : LW 51200

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1, 2, 21 & 22

CERTIFICATION :
CIMFR/TC/SR/1546

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATING & TEMP. CLASSIFICATION :
7/15W LED LAMP, 240V AC/ 24V DC - T6

TRANSPARENT PART :
HEAT, RESISTANT & TOUGHENED CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN E27

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

LAMP :
RED MIDIUM INTENSITY LED LAMP WITH E27 THREADED CAP, 7/15W, 230V AC

NOTE :

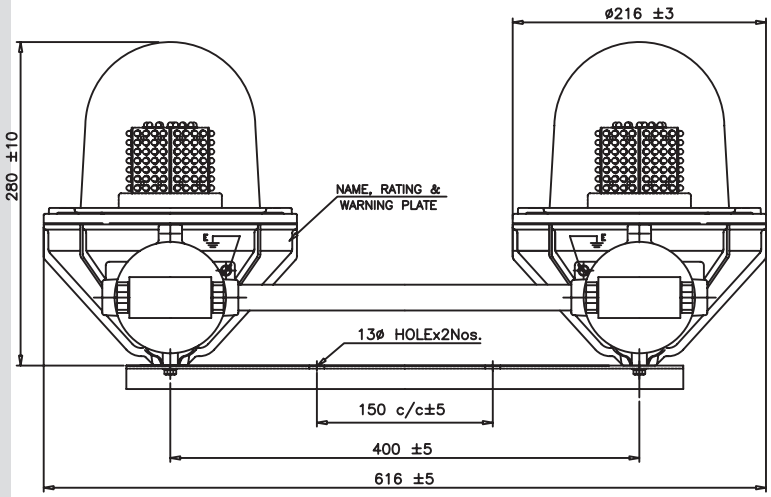
1 FLASHING/ NON-FLASHING



SINGLE



TWIN



SINCE 1974

Ex e mb Fluorescent Tube Light Fixture In Non-metalic Enclosure

Technical Data : NLLK 2010...SERIES

ENCLOSURE :
Ex e mb IIC AS PER IS/IEC 60079-7 & IS/IEC 60079-18

PROTECTION :
IP 66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE 1,2,21 & 22

CERTIFICATION :
ITS/IN/EX/11/001

MATERIAL OF CONSTRUCTION :
GLASS-MAT REINFORCED (PREPAG) POLYESTER

TRANSPARENT PART :
IMPACT RESISTANT POLYCARBONATE

HARDWARE :
STAINLESS STEEL

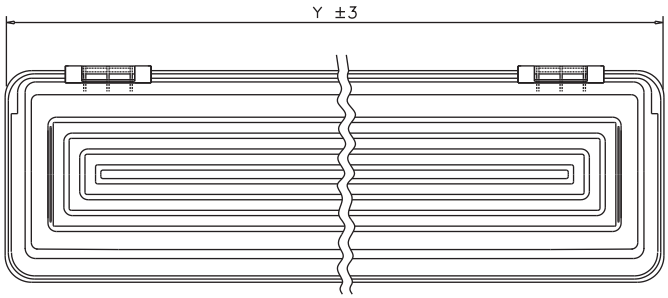
EARTHING :
1 No. INSIDE

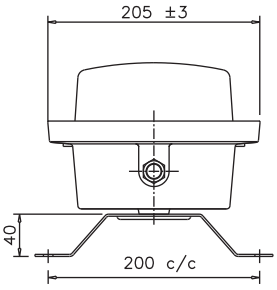
CABLE ENTRY :
M20 x 2 Nos.

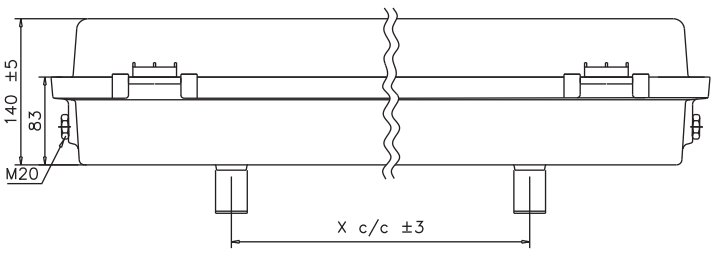
OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) TUBE LAMP

NOTE :
1) THIS FLUORESCENT TUBE LIGHT FIXTURE IS ALSO AVAILABLE IN Ex 'nR' FOR ZONE-2 APPLICATION
2) THIS LIGHT FIXTURE IS ALSO AVAILABLE WITH EMERGENCY MODE WITH RECHARGEABLE BATTERY BACK-UP.









Sr. No.	LUMINAIRE TYPE No.	FLUORESCENT LAMPS RATING	TEMP. CLASS	X (mm)	Y (mm)
01	NLLK 201040/1	1 x 36/40W, AT VOLTAGE 250V, AC (T8)	T4	700	1353
02	NLLK 201040/2	2 x 36/40W, AT VOLTAGE 250V, AC (T8)	T4	700	1353
03	NLLK 201020/1	1 x 18/20W, AT VOLTAGE 250V, AC (T8)	T4	400	743
04	NLLK 201020/2	2 x 18/20W, AT VOLTAGE 250V, AC (T8)	T4	400	743
05	NLLK 201036/2	2 x 36W CFL, AT VOLTAGE 250V, AC	T4	400	743
06	NLLK 201028/1	1 x 28W, VOLTAGE 250V, AC (T5)	T4	700	1353
07	NLLK 201028/2	2 x 28W, VOLTAGE 250V, AC (T5)	T4	700	1353

SINCE 1974

Ex 'nR' & WP Well Glass Lighting Fixture Suitable For Zone- 2

Technical Data : 40031

ENCLOSURE :
Ex 'nR' RESTRICTED BREATHING AS PER IS/IEC 60079-15 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/P/H516

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMPERATURE CLASSIFICATION :

125W HPMV	- T4
200W GLS	- T4
160W MLL	- T3
70W HPSV	- T5
150W METAL HALIDE	- T4
2 x 23W CFL LAMP	- T6

TRANSPARENT PART :
BOROSILICATED HEAT RESISTANT, CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN ENCLOSED BREAK WITH BUILT-IN TERMINAL, ES-27

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

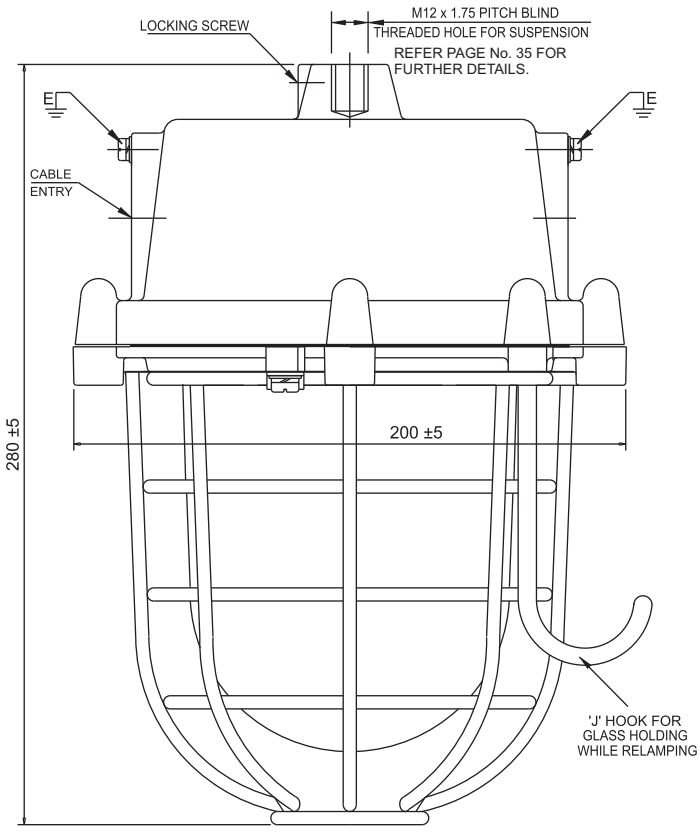
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE
C) MIRROR POLISHED INTERNAL REFLECTOR





SINCE 1974

Increased Safety & Weatherproof Control Gear Box

Technical Data : LC 21401

ENCLOSURE :
Ex-e, AS PER IS/IEC 60079-7 & 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/SR/1045

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :

80/125/250Watt HPMV	- T4
70/150 Watt HPSV	- T4
70/150Watt MH	- T4

COMPONENT :
GEAR PLATE WITH FOLLOWING COMPONENTS :
A) HEAVY DUTY, Cu. WOUND POLYESTER FILLED BALLAST
B) POWER FACTOR IMPROVEMENT CAPACITOR
C) ANTI-LOOSENING VIBRATIONPROOF TERMINAL BLOCK
D) IGNITOR FOR HPSV/MH LAMP

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

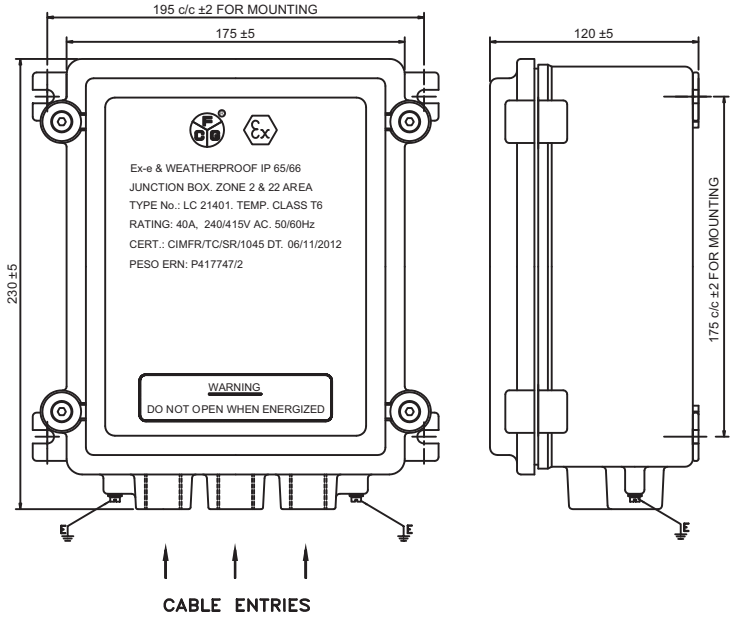
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE M20 x 3 Nos.

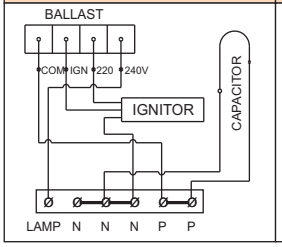
OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE

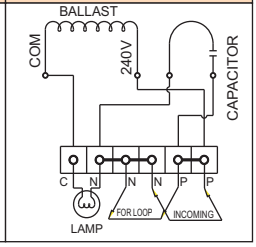




WIRING DIAGRAM FOR HPSV/MH



WIRING DIAGRAM FOR HPMV



SINCE 1974

Ex 'nR' & WP Well Glass Fixture With Integrated Control Gear



Technical Data : LW 21202

ENCLOSURE :
Ex 'nR' RESTRICTED BREATHING AS PER IS/IEC 60079-15 & 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/P/H933

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMPERATURE CLASSIFICATION :

80 Watt HPMV	- T4
125 Watt HPMV	- T4
70 Watt MH	- T5
70 Watt HPSV	- T5
42 Watt C.F.L	- T6

COMPONENTS :
GEAR PLATE WITH FOLLOWING COMPONENTS
A) HEAVY DUTY, Cu. WOUND POLYESTER FILLED BALLAST
B) CAPACITOR
C) ANTI-LOOSENING VIBRATIONPROOF TERMINAL BLOCK
D) IGNITOR FOR HPSV/MH LAMP

TRANSPARENT PART :
BOROSILICATED HEAT RESISTANT, CLEAR DOME GLASS

LAMP HOLDER :
PORCELAIN ENCLOSED BREAK WITH BUILT-IN TERMINAL, ES-27

INTERNAL REFLECTOR :
MIRROR POLISHED

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

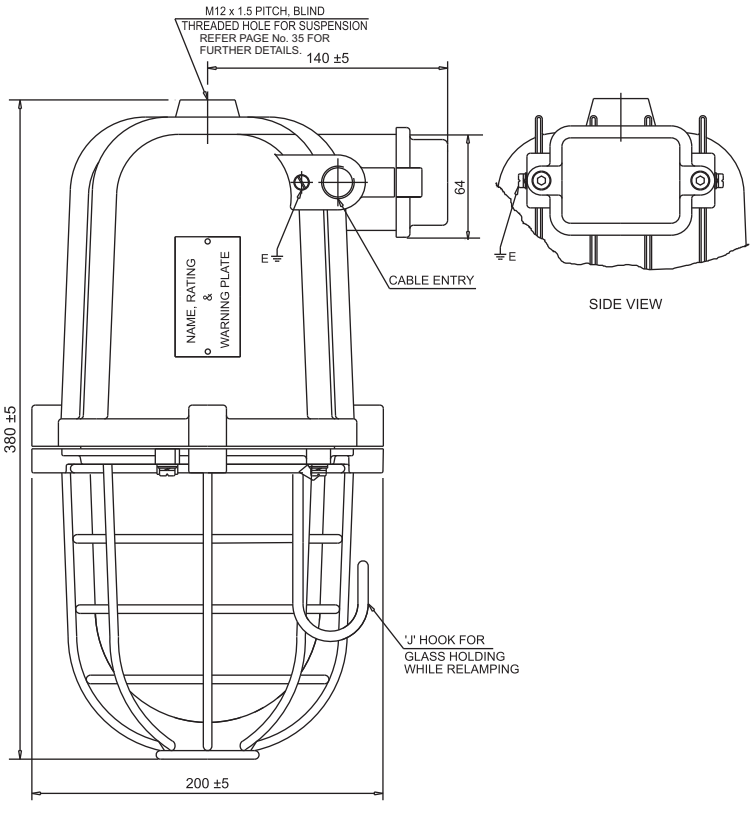
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT
5) LAMP
6) STAINLESS STEEL WIRE GUARD

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE



SINCE 1974

Ex 'nR' & Weatherproof Well Glass Lighting Fixture



Technical Data : FCG/W/403-4

ENCLOSURE :
Ex 'nR' RESTRICTED BREATHING AS PER IS/IEC 60079-15 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/P/H517

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMPERATURE CLASSIFICATION :

300 WATT GLS	-T4
250 WATT HPMV	-T3
250 WATT HPSV	-T4
250W MLL	-T4
250W MH	-T3

TRANSPARENT PART :
BOROSILICATED HEAT RESISTANT, CLEAR DOME GLASS

LAMP HOLDER :
ENCLOSED BREAK PORCELAIN ES-40

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED.

INTERNAL REFLECTOR :
MIRROR POLISHED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

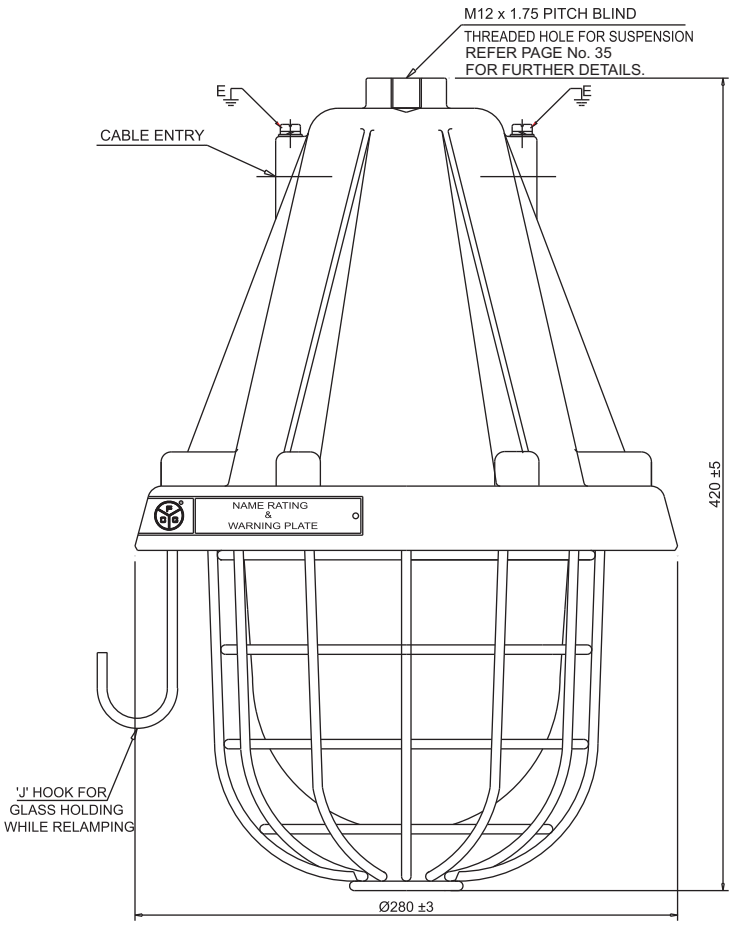
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE



SINCE 1974

Ex 'nR' & Weatherproof Well Glass Lighting Fixture

Technical Data : FCG/W/403-3

ENCLOSURE :
Ex 'nR' RESTRICTED BREATHING AS PER IS/IEC 60079-15 & IS/IEC 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/P/H413

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMPERATURE CLASSIFICATION :

400 Watt HPMV	- T3
400 Watt HPSV	- T4
500 Watt GLS	- T3
250 Watt MLL	- T4
400 Watt MH	- T4

TRANSPARENT PART :
BOROSILICATED HEAT RESISTANT, CLEAR DOME GLASS

LAMP HOLDER :
ENCLOSED BREAK PORCELAIN ES-40

WIRE GUARD :
M.S GALVANIZED & WHITE EPOXY PAINTED.

INTERNAL REFLECTOR :
MIRROR POLISHED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

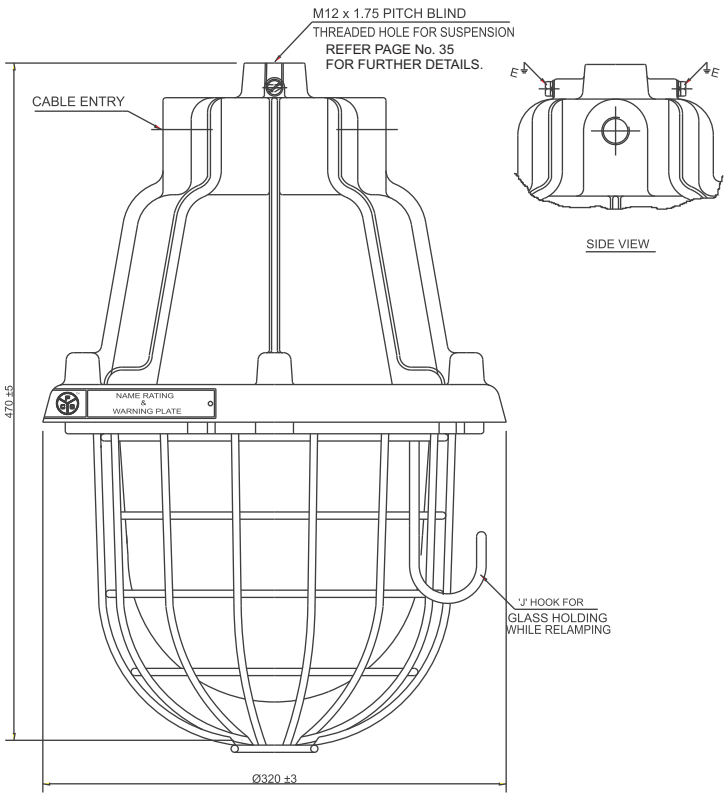
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) EXTERNAL REFLECTOR
4) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
5) LAMP

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE





SINCE 1974

Increased Safety & Weatherproof Control Gear Box

Technical Data : FCG/CG/417

ENCLOSURE :
Ex-e, AS PER IS/IEC 60079-7 & IS/IEC 60079-0

PROTECTION :
IP-55 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -2 & 22

CERTIFICATION :
CIMFR/TC/SR/1046

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATED VOLTAGE :
240V ±10V AC 50/60Hz
VOLTAGE OTHER THEN SPECIFIED IS ON REQUEST

RATING & TEMP. CLASSIFICATION :
400W HPMV LAMP - T4
250/400W MH LAMP - T4
250/400 HPSV LAMP - T4

COMPONENTS :
GEAR PLATE WITH FOLLOWING COMPONENTS :
1) HEAVY DUTY, Cu. WOUND POLYESTER FILLED BALLAST
2) CAPACITOR & (IGNITOR FOR HPSV LAMP)
3) ANTI-LOOSENING VIBRATION PROOF TERMINAL BLOCK

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

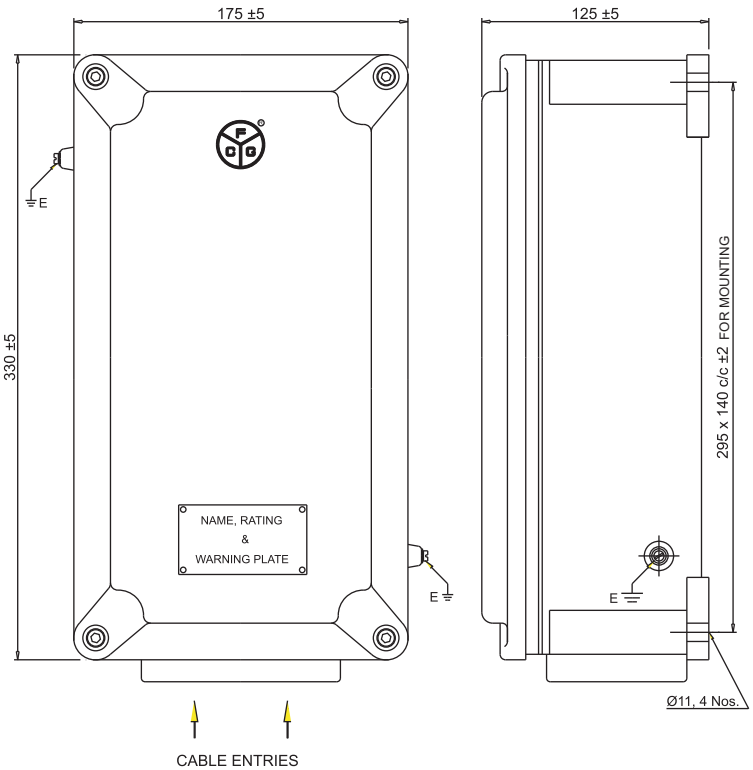
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 3 Nos.

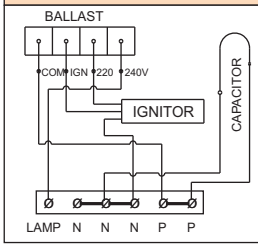
OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) DOUBLE COMPRESSION CABLE GLAND/STOPPER (BNP/SS)
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS

SPECIAL FEATURES :
A) SUPERIOR FINISH WITH EPOXY POWDER COATED
B) NON FALLING TYPE EXTERNAL HARDWARE

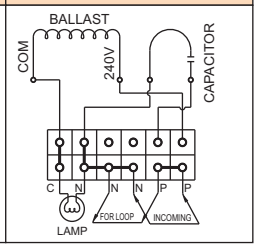




WIRING DIAGRAM FOR HPSV



WIRING DIAGRAM FOR HPMV



SINCE 1974

LED Safety Torch

Technical Data : FCG 7300

ENCLOSURE : (CERTIFIED BY TEST LAB.)
INTRINSIC SAFETY (Ex-ia) SUITABLE FOR USE IN GAS GROUP IIA, IIB, IIC AREA AS PER IS/IEC 60079-11

PROTECTION : IP-66

SURFACE TEMP. CLASSIFICATION : T6

MATERIAL OF CONSTRUCTION :
BLACK ANODISED ALUMINUM ALLOY

LIGHT SOURCE :
Powered Led 1W

MODE:
HIGH LIGHT, WORKING LIGHT & FLASH LIGHT

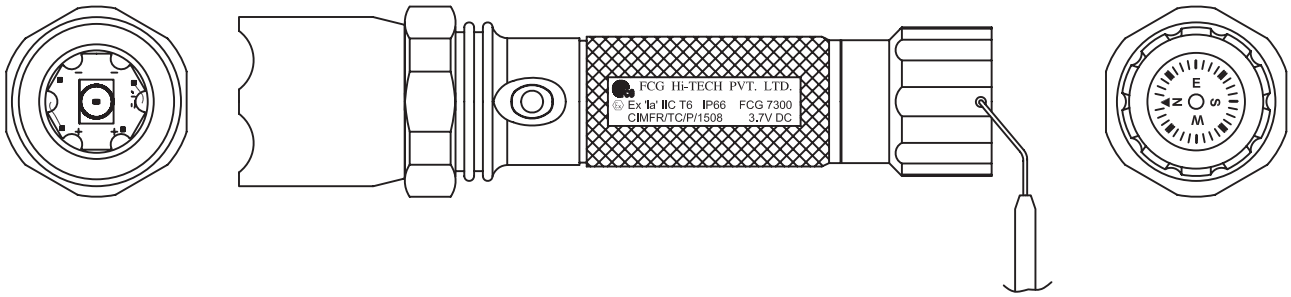
RECHARGEABLE BATTERY :
LITHIUM-ION (LI-ION) 3.7V

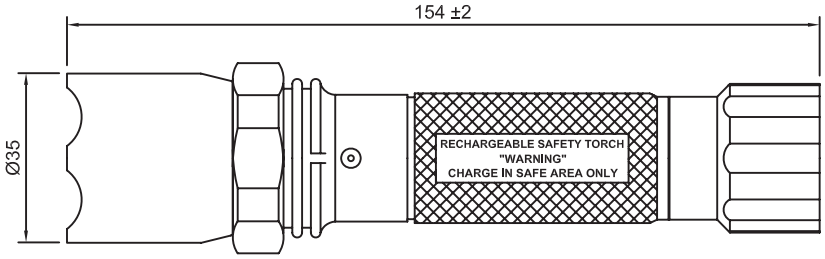
WEIGHT:
180 GRAMS APPROX,

SPECIAL INSTRUCTION :
1) THE BATTERY AND LED SHOULD BE REPLACED IN SAFE AREA ONLY.
2) REFER OPERATING INSTRUCTION MANUAL BEFORE USE.

ACCESSORIES :
1) CHARGER 230V AC.
2) HEAVY DUTY FABRIC POUCH WITH BELT LOOP.







SINCE 1974

Cordless Safety Cap Light

Technical Data : MCL -2.5LMP

ENCLOSURE :
INTRINSIC SAFETY (Ex-ia) SUITABLE FOR USE IN GAS GROUP I, IIA, IIB & IIC AREA AS PER IS/IEC 60079-11

PROTECTION :
IP-66

AREA CLASSIFICATION :
ZONE - 1 & 2

CERTIFICATION :
CIMFR/TC/P/1507

SURFACE TEMP. CLASSIFICATION : T6

MODE:
MAIN LIGHT SOURCE & AUXILIARY LIGHT SOURCE

SPECIAL INSTRUCTION :
1) THE BATTERY AND LED SHOULD BE REPLACED IN SAFE AREA ONLY.
2) REFER OPERATING INSTRUCTION MANUAL BEFORE USE.

OPTIONAL ACCESSORIES :
1) CAR CHARGER
2) HEADBEND

NOTE :
ALSO AVAILABLE WITH **DGMS** APPROVALS

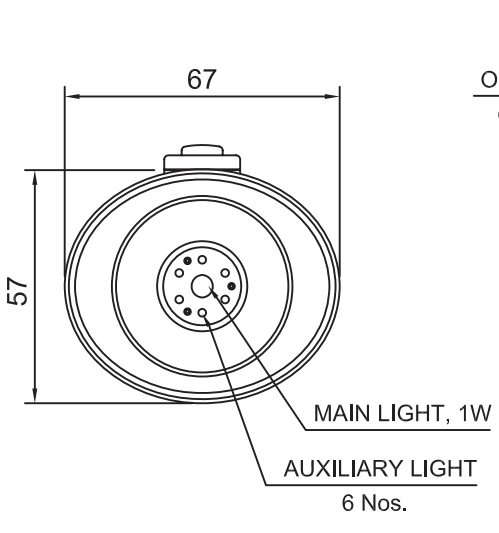


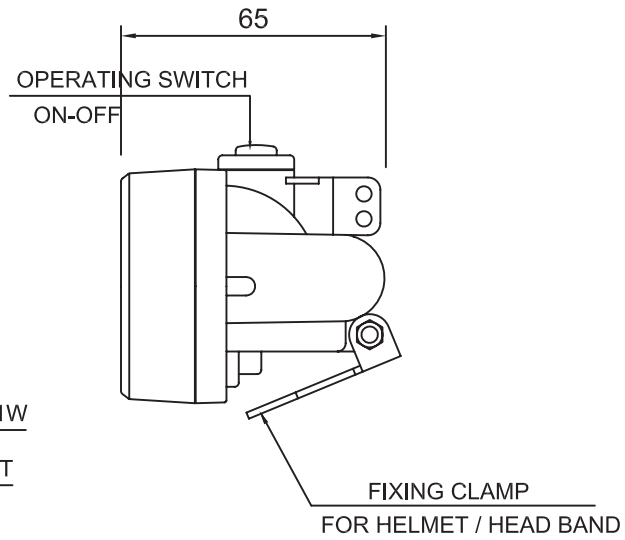












SINCE 1974

Weatherproof Tube Light Fixture

Technical Data : LT 74... Series

ENCLOSURE :
WEATHERPROOF SUITABLE FOR INSTALLATION IN SAFE AREA.

PROTECTION :
AS PER IS/IEC 60529 (IP AS PER TABLE)

MATERIAL OF CONSTRUCTION :
POLY CARBONATE

TRANSPARENT PART :
IMPACT RESISTANT POLYCARBONATE

HARDWARE :
STAINLESS STEEL

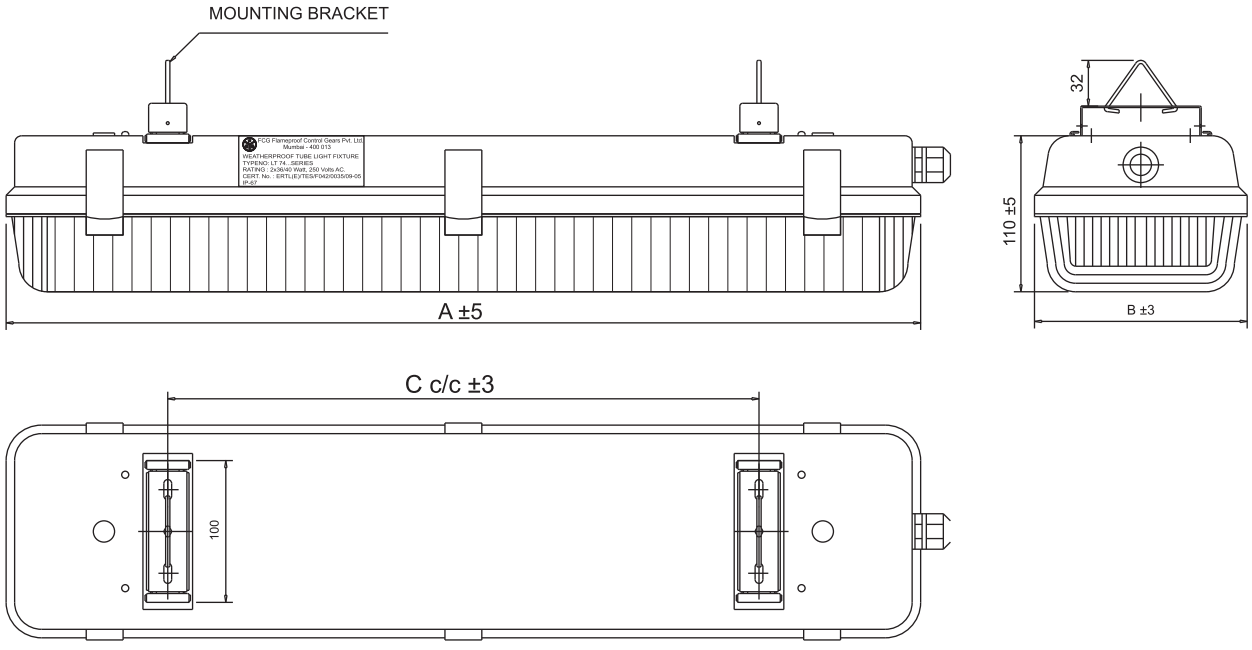
EARTHING :
1 No. INSIDE

CABLE ENTRY :
M25 (Max.) x 1 No.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) MOUNTING BRACKET
2) CABLE GLAND
3) STOPPER
4) TUBE LAMP

NOTE :
THIS FIXTURE IS AVAILABLE FOR ZONE 22 AREA

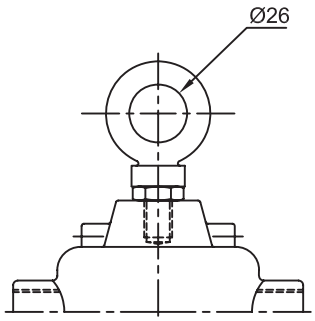




Sr. No.	TYPE No TABLE-1	TUBE LAMPS RATING	IP	A ±5	B ±5	C C/C±1	TEMP. CLASS
01	LT - 74240	2 x 36/40W, AT VOLTAGE UPTO 240V, AC 50/60 HZ (T8)	67	1310	150	921	T6
02	LT - 74140	1 x 36/40W, AT VOLTAGE UPTO 240V, AC 50/60 HZ (T8)	67	1310	100	921	T6
03	LT - 74220	2 x 18/20W, AT VOLTAGE UPTO 240V, AC 50/60 HZ (T8)	66	645	150	417	T6
04	LT - 74220	2 x 36W CFL AT VOLTAGE UPTO 240V, AC 50/60 HZ	66	645	150	417	T6
05	LT - 74120	1 x 18/20W, AT VOLTAGE UPTO 240V, AC 50/60 HZ (T8)	66	645	100	417	T6
06	LT - 74120	1 x 36W CFL AT VOLTAGE UPTO 240V, AC 50/60 HZ	66	645	100	417	T6

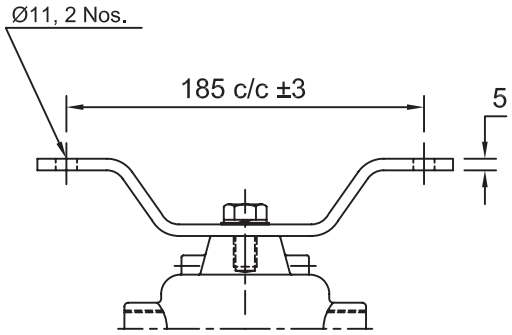
Type of Suspension For Well Glass Lighting Fitting

TYPE-A



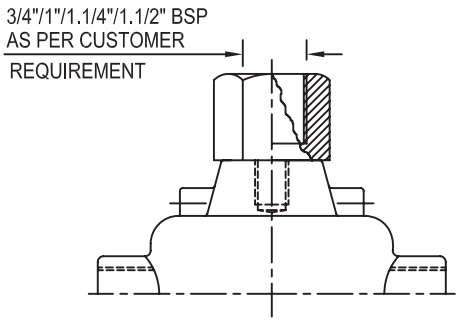
WITH EYE BOLT

TYPE-B

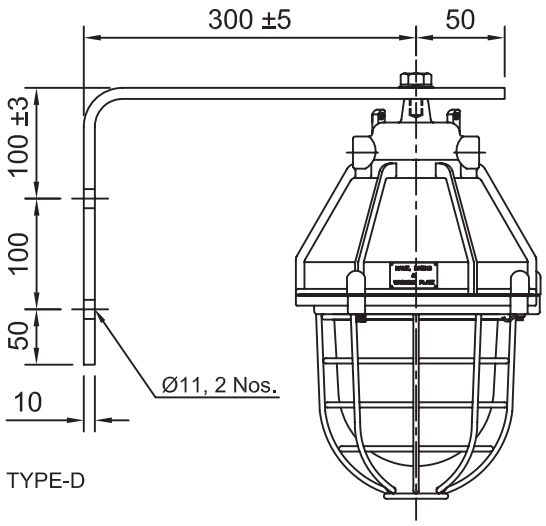


WITH STRAP

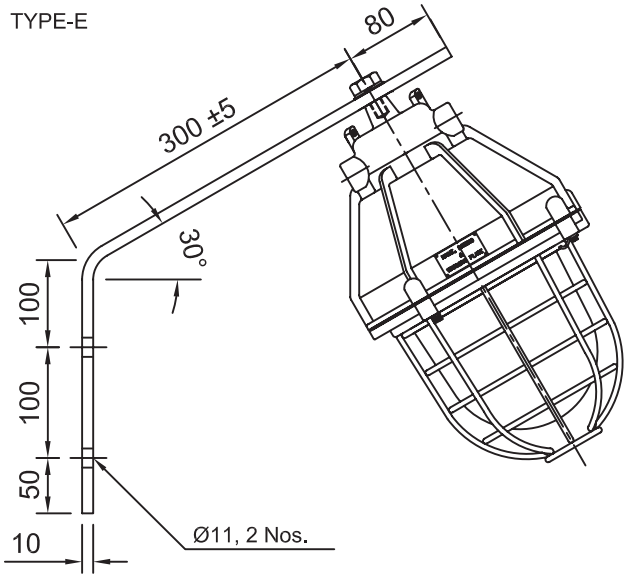
TYPE-C



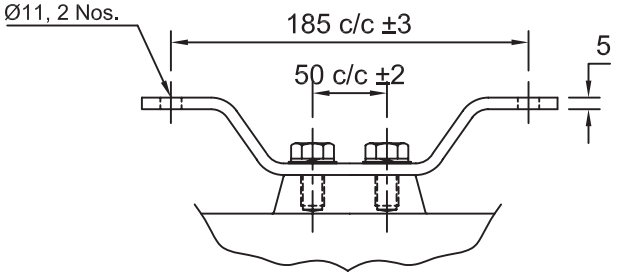
TYPE-D



TYPE-E



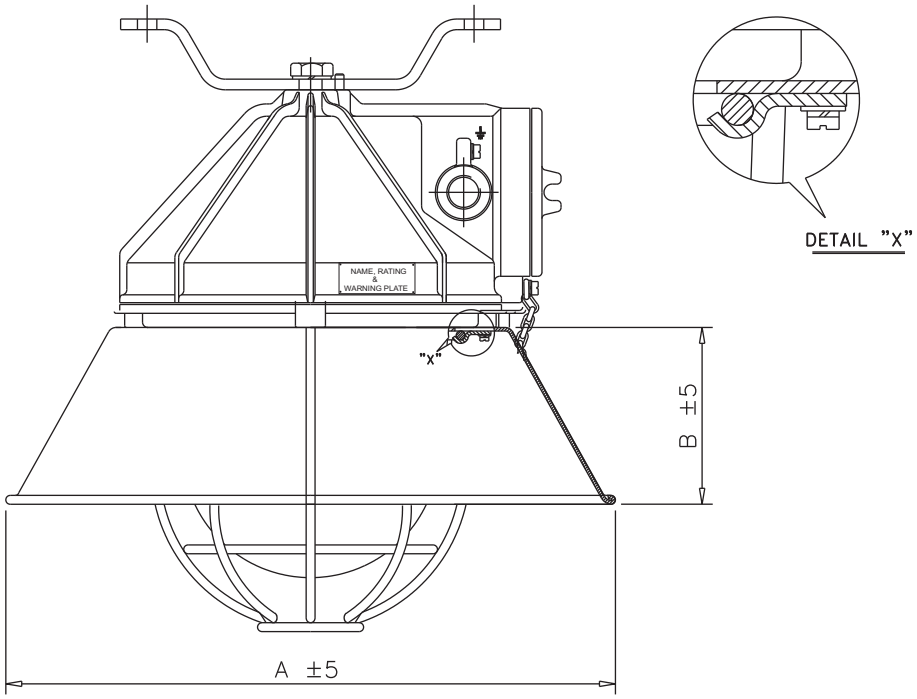
TYPE-F



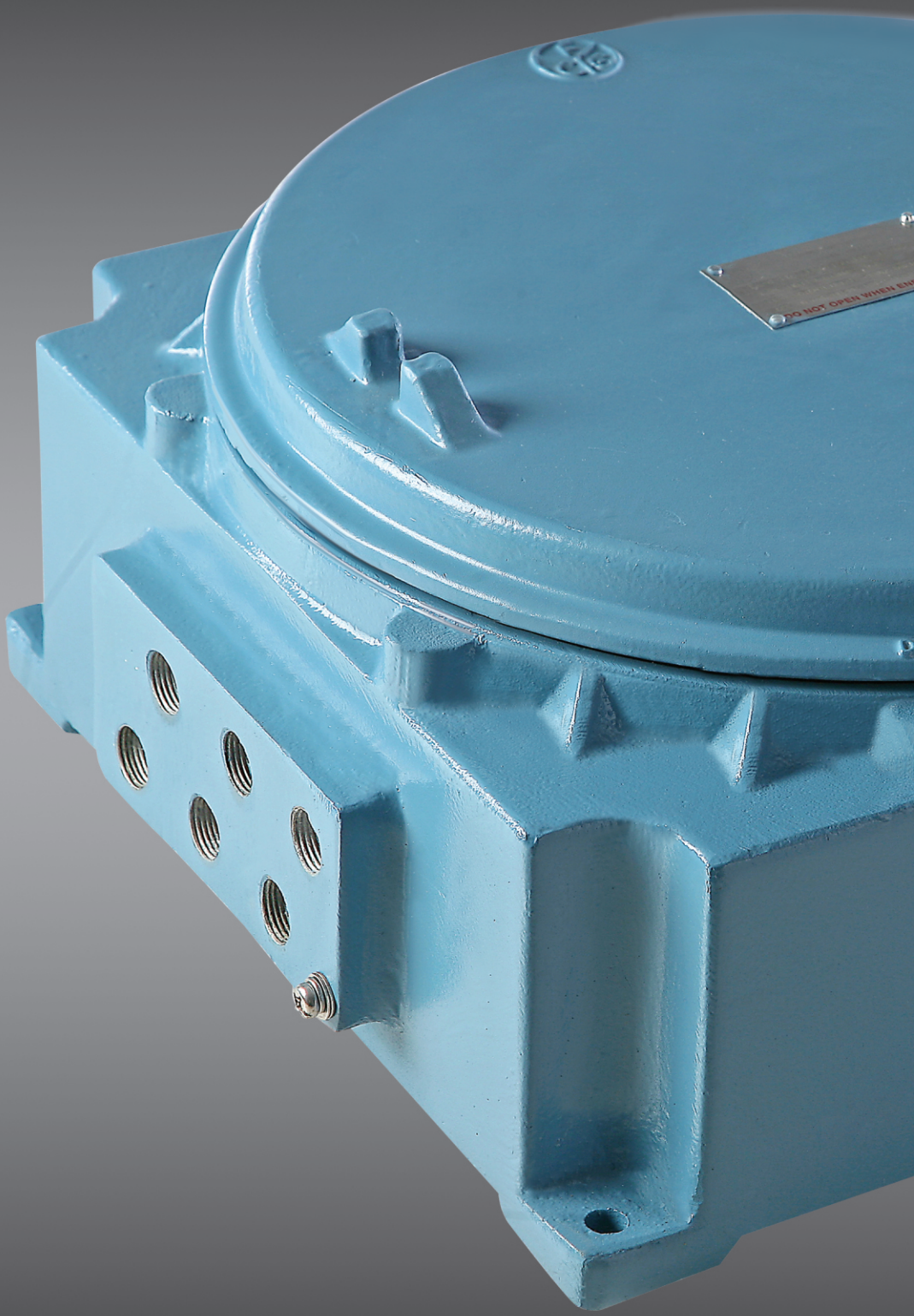
SINCE 1974

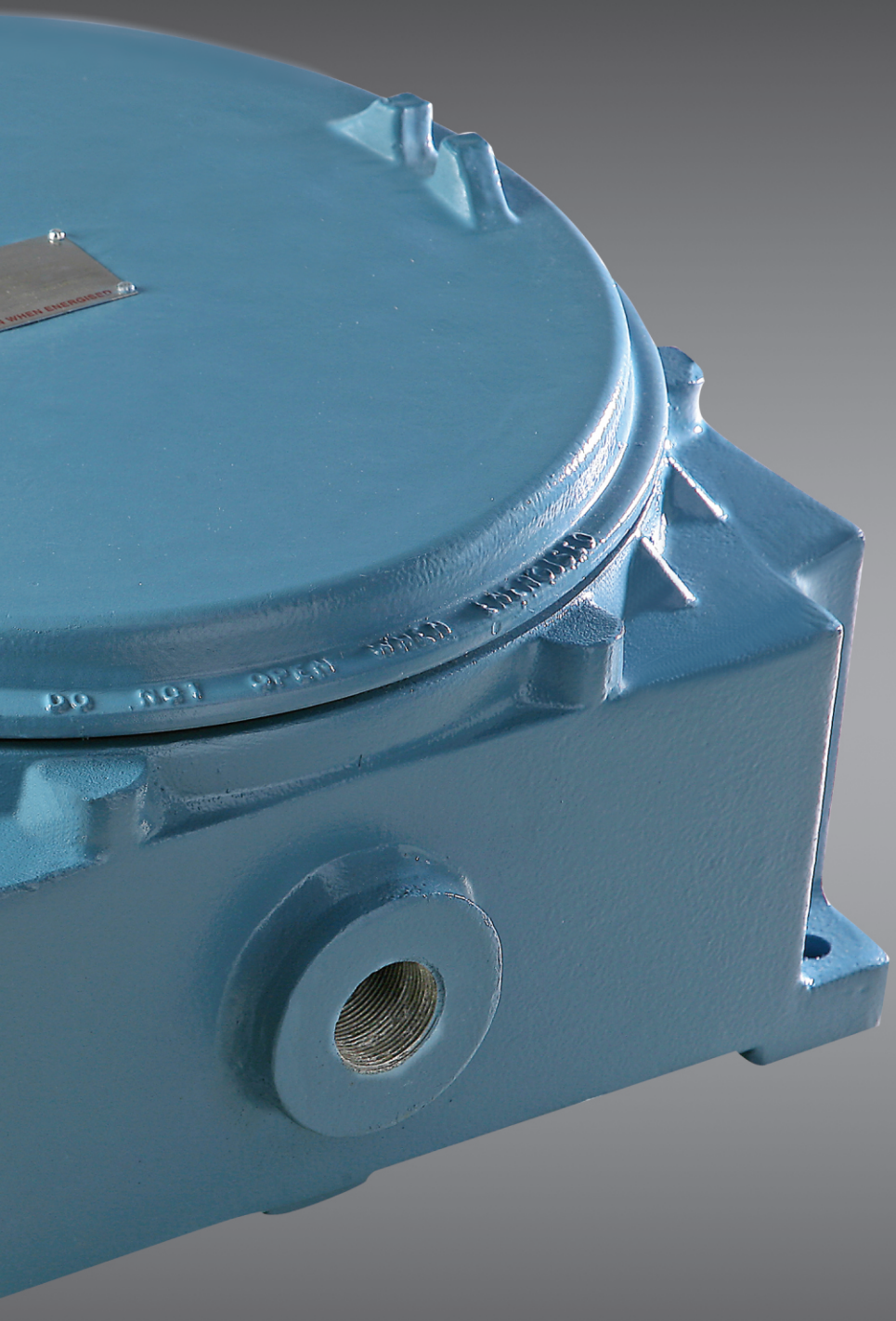
External Reflector For Well Glass Lighting Fitting





No.	TYPE No.	DESCRIPTION	A±5	B±5
01	LW21202 / 40013	UPTO 125W HPMV OR UPTO 200W GLS OR UPTO 160W MLL OR UPTO 70W HPSV LAMP	Ø 350	100
02	LW 51200 & LW 51125	UPTO 125W HPMV OR UPTO 200W GLS OR UPTO 160W MLL OR UPTO 70W HPSV LAMP	Ø 350	100
03	W/403-4, LW 31250 & LW 61250	UPTO 250W HPMV OR UPTO 300W GLS OR UPTO 250W MLL OR UPTO 150W HPSV LAMP	Ø 500	150
04	W/403-3, LW 61400 & LW 51400	UPTO 400W HPMV OR UPTO 500W GLS OR UPTO 250W MLL OR UPTO 160W HPSV LAMP	Ø 500	180


DO NOT OPEN WHEN EN



JUNCTION BOX

Flameproof & Weatherproof Multiway Junction Box for Ex-d, IIA/IIB Application

General Technical Data

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1

AREA CLASSIFICATION :
ZONE - 1, 2, 21 & 22

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

SURFACE TEMP. CLASSIFICATION :
T6

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

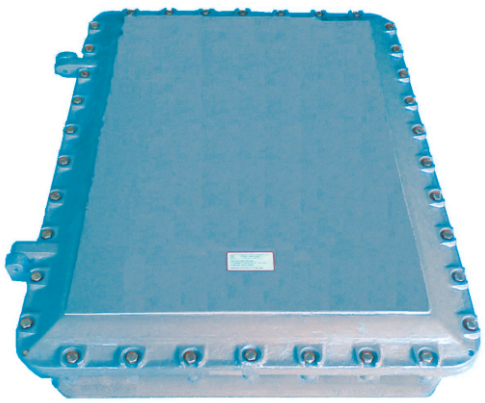
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

OPTIONAL ACCESSORIES AT EXTRA COST :
1)DOUBLE COMPRESSION CABLE GLAND & STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) CANOPY







SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data :

PROTECTION :
IP-66 AS PER IS/IEC 60529

CERTIFICATION :
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2

NOTE :
1) THESE ENCLOSURE IS AVAILABLE WITH HINGE ARRANGEMENT ON REQUEST.
2) THESE ENCLOSURE IS ALSO AVAILABLE WITH SPIGOTTED COVER ON REQUEST.



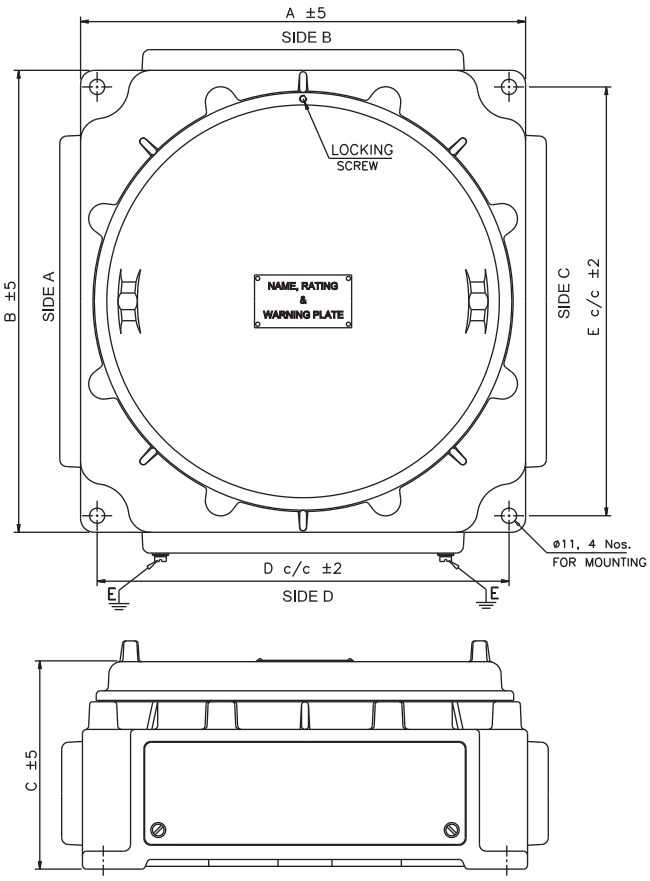


Table 1

Sr. No	TYPE No .	CERTIFICATION	DIMENSIONS				
			A ±5	B ±5	C±5	D ±3	E ±3
01	SC 313260	CIMFR/TC/SR/1606	270	300	150	240	270
02	Sc 313310	CIMFR/TC/SR/1667	322	344	150	298	310
03	SC 313375	CIMFR/TC/SR/1581	322	375	150	292	345
04	SC 313410	CIMFR/TC/SR/1666	380	425	150	345	390

Table 2

Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES							
		SC 313260		SC 313310		SC 313375		SC 313410	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	09 Nos.	08 Nos.	10 Nos.	10 Nos.	13 Nos.	10 Nos.	14 Nos.	13 Nos.
02	M25 x 1.5 Pitch	06 Nos.	05 Nos.	08 Nos.	08 Nos.	10 Nos.	08 Nos.	12 Nos.	10 Nos.
03	M32 x 1.5 Pitch	04 Nos.	03 Nos.	04 Nos.	04 Nos.	05 Nos.	04 Nos.	06 Nos.	05 Nos.
04	M40 x 1.5 Pitch	03 Nos.	02 Nos.	04 Nos.	03 Nos.	04 Nos.	03 Nos.	05 Nos.	04 Nos.
05	M50 x 1.5 Pitch	02 Nos.	02 Nos.	03 Nos.	03 Nos.	03 Nos.	03 Nos.	04 Nos.	03 Nos.
06	M63 x 1.5 Pitch	—	—	—	—	—	—	—	—
07	M75 x 1.5 Pitch	—	—	—	—	—	—	—	—

Table 3

Maximum Number of Terminals

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)													
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	SC 313260	2 x 24	2 x 28	2 x 20	2 x 24	2 x 17	2 x 20	2 x 14	2 x 16	1 x 07	1 x 08	1 x 02	1 x 03	—	—
02	SC 313310	2 x 30	2 x 32	2 x 26	2 x 28	2 x 20	2 x 20	2 x 16	2 x 16	1 x 10	1 x 09	1 x 04	1 x 03	1 x 03	1 x 02
03	SC 313375	2 x 30	2 x 34	2 x 26	2 x 30	2 x 20	2 x 23	2 x 16	2 x 18	2 x 09	1 x 10	1 x 03	1 x 05	1 x 02	1 x 04
04	SC 313410	3 x 34	3 x 42	3 x 30	3 x 36	3 x 23	3 x 30	2 x 18	2 x 24	2 x 10	2 x 14	2 x 06	1 x 05	1 x 04	1 x 05

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

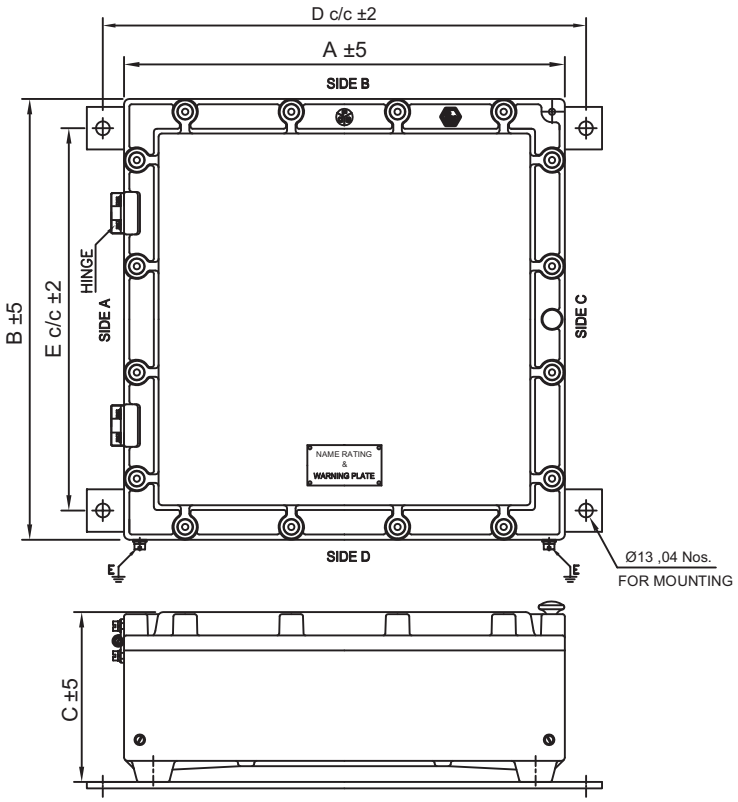
Technical Data :

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/H54 CIMFR/TC/SR/H97

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



NEW IMAGE from old pg 46

Table 1

Sr. No.	TYPE No .	DIMENSIONS				
		A ±5	B ±5	C±5	D ±2	E ±2
01	DB 31340 A	415	415	160	465	360
02	DB 31340 B	415	270	160	465	215
03	DB 31340 C	290	250	160	340	195
04	DB 31340 AB	415	545	160	465	485
05	DB 31340 AA	415	845	160	465	780
06	DB 31340 ABS1	540	540	160	485	485
07	DB 31340 ABS2	540	540	200	485	485
08	DB 31340 ABS3	540	540	300	485	485

C = STD 160 mm

C = HIGH DOME 200 mm

Table 2

Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES															
		DB 31340 A		DB 31340 B		DB 31340 C		DB 31340 AB		DB 31340 AA		DB 31340 ABS1		DB 31340 ABS2		DB 31340 ABS3	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	24 Nos.	24 Nos.	14 Nos.	24 Nos.	12 Nos.	12 Nos.	30 Nos.	24 Nos.	48 Nos.	24 Nos.	36 Nos.	36 Nos.	36 Nos.	30 Nos.	40 Nos.	40 Nos.
02	M25 x 1.5 Pitch	15 Nos.	15 Nos.	08 Nos.	15 Nos.	08 Nos.	10 Nos.	20 Nos.	15 Nos.	30 Nos.	15 Nos.	22 Nos.	22 Nos.	25 Nos.	25 Nos.	32 Nos.	22 Nos.
03	M32 x 1.5 Pitch	08 Nos.	08 Nos.	04 Nos.	08 Nos.	04 Nos.	07 Nos.	14 Nos.	10 Nos.	20 Nos.	10 Nos.	10 Nos.	10 Nos.	12 Nos.	12 Nos.	18 Nos.	18 Nos.
04	M40 x 1.5 Pitch	08 Nos.	08 Nos.	05 Nos.	08 Nos.	05 Nos.	05 Nos.	11 Nos.	08 Nos.	16 Nos.	08 Nos.	10 Nos.	10 Nos.	12 Nos.	12 Nos.	18 Nos.	18 Nos.
05	M50 x 1.5 Pitch	04 Nos.	04 Nos.	03 Nos.	04 Nos.	02 Nos.	02 Nos.	08 Nos.	05 Nos.	10 Nos.	05 Nos.	08 Nos.	08 Nos.	08 Nos.	08 Nos.	08 Nos.	08 Nos.
06	M63 x 1.5 Pitch	04 Nos.	04 Nos.	02 Nos.	04 Nos.	02 Nos.	02 Nos.	05 Nos.	04 Nos.	08 Nos.	04 Nos.	06 Nos.	06 Nos.	06 Nos.	06 Nos.	06 Nos.	06 Nos
07	M75 x 1.5 Pitch	02 Nos.	02 Nos.	01 No.	02 Nos.	01 No.	01 No.	03 Nos.	02 Nos.	04 Nos.	02 Nos.	04 Nos.	04 Nos.	04 Nos.	04 Nos.	04 Nos.	04 Nos
08	M90 x 2 Pitch	-	-	-	-	-	-	-	-	-	-	-	-	04 Nos.	04 Nos.	04 Nos.	04 Nos

Table 3

Maximum Number of Terminals

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	DB 31340 A	2 x 40	2 x 40	2 x 32	2 x 32	2 x 26	2 x 26	2 x 22	2 x 22	2 x 10	2 x 10	1 x 09	1 x 09	1 x 07	1 x 07		
02	DB 31340 B	1 x 40	2 x 18	1 x 32	2 x 15	1 x 26	2 x 12	1 x 22	2 x 10	1 x 15	2 x 05	1 x 10	1 x 03	1 x 07	1 x 02		
03	DR 31340 C	1 x 20	2 x 16	1 x 18	2 x 14	1 x 15	2 x 12	1 x 12	2 x 08	1 x 06	1 x 04	1 x 04	1 x 02	1 x 03	1 x 02		
04	DB 31340 AB	3 x 40	2 x 50	2 x 32	2 x 40	2 x 26	2 x 35	2 x 22	2 x 30	2 x 08	2 x 15	2 x 06	2 x 10	2 x 05	2 x 07		
05	DB 31340 AA	5 x 40	2 x 80	5 x 32	2 x 70	5 x 26	2 x 60	4 x 22	2 x 50	3 x 08	2 x 20	2 x 06	1 x 18	2 x 05	1 x 15		
06	DB 31340 ABS1	3 x 50	3 x 50	3 x 40	2 x 40	2 x 35	2 x 35	2 x 30	2 x 30	2 x 15	2 x 15	2 x 10	2 x 10	2 x 08	1 x 08		
07	DB 31340 ABS2	3 x 50	3 x 50	3 x 40	2 x 40	2 x 35	2 x 35	2 x 30	2 x 30	2 x 15	2 x 15	2 x 10	2 x 10	2 x 08	1 x 08	-	-
08	DB 31340 ABS3	3 x 50	3 x 50	3 x 40	2 x 40	2 x 35	2 x 35	2 x 30	2 x 30	2 x 15	2 x 15	2 x 10	2 x 10	2 x 08	1 x 08	1 x 08	1 x 08

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data :

PROTECTION :
IP-65 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/H108

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



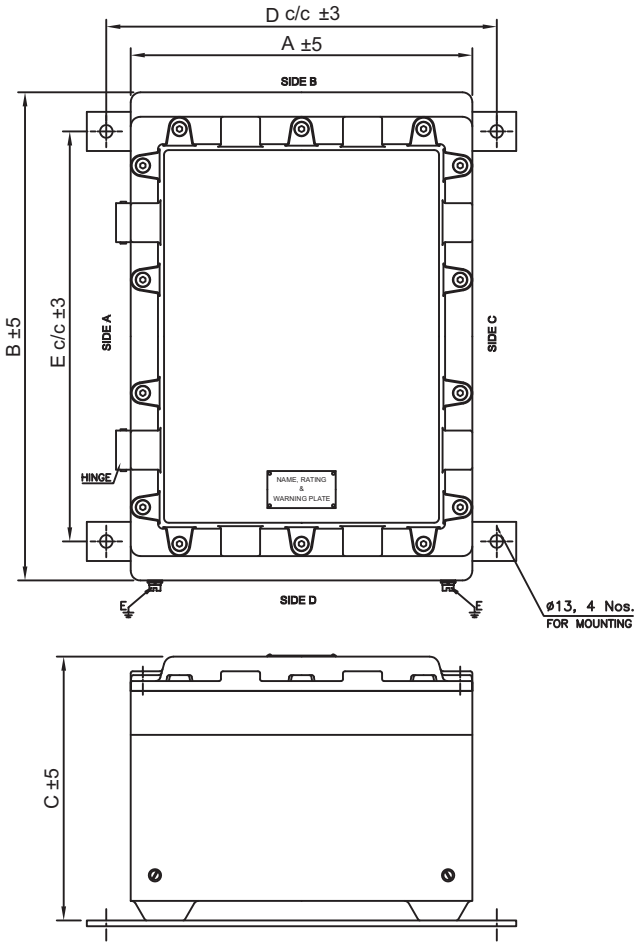


Table 1

Sr. No.	TYPE No .	DIMENSIONS				
		A ±5	B ±5	C ±5	D ±3	E ±3
01	SC 31350	350	400	270	400	320
02	SC 31450	350	500	270	400	420
03	SC 31750	350	800	270	400	720
04	SC 31350-S	200	175	270	225	120

Table 2 **Maximum Number of Cable Entries**

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES							
		SC 31350		SC 31450		SC 31750		SC 31350-S	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 13 Pitch	30 Nos.	28 Nos.	38 Nos.	28 Nos.	65 Nos.	28 Nos.	10 Nos.	20 Nos.
02	M25 x 13 Pitch	20 Nos.	18 Nos.	26 Nos.	18 Nos.	42 Nos.	18 Nos.	08 Nos.	18 Nos.
03	M32 x 13 Pitch	12 Nos.	10 Nos.	14 Nos.	10 Nos.	30 Nos.	10 Nos.	05 Nos.	10 Nos.
04	M40 x 13 Pitch	10 Nos.	10 Nos.	12 Nos.	10 Nos.	22 Nos	10 Nos.	05 Nos.	10 Nos.
05	M50 x 1.5 Pitch	08 Nos.	08 Nos.	10 Nos.	08 Nos.	18 Nos.	08 Nos.	04 Nos.	08 Nos.
06	M63 x 13 Pitch	04 Nos.	03 Nos.	04 Nos.	03 Nos.	12 Nos.	03 Nos.	-	03 Nos.
07	M75 x 13 Pitch	03 Nos.	02 Nos.	04 Nos.	02 Nos.	06 Nos.	02 Nos.	-	02 Nos.
08	M90 x 2 Pitch	02 Nos.	02 Nos.	03 Nos.	02 Nos.	05 Nos.	02 Nos.	-	02 Nos.
09	M100 x 2 Pitch	02 Nos.	02 Nos.	02 Nos.	02 Nos.	05 Nos.	02 Nos.	-	02 Nos.

Table 3 **Maximum Number of Terminals**

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	SC 31350	2 x 30	2 x 34	2 x 26	2 x 30	2 x 20	2 x 23	2 x 16	2 x 18	2 x 10	2 x 10	1 x 04	1 x 05	1 x 03	1 x 04	1 x 03	1 x 03
02	SC 31450	3 x 30	2 x 45	3 x 26	2 x 30	3 x 20	2 x 30	3 x 16	2 x 25	2 x 10	2 x 15	1 x 04	1 x 07	1 x 03	1 x 06	1 x 03	1 x 06
03	SC 31750	5 x 30	2 x 85	5 x 26	2 x 75	5 x 20	2 x 60	5 x 16	2 x 50	4 x 10	2 x 30	3 x 04	1 x 19	3 x 03	1 x 15	3 x 03	1 x 15
04	SC 31350-S	1 x 30	2 x 15	1 x 26	2 x 10	1 x 20	1 x 16	-	1 x 10	-	-	-	-	-	-	-	-

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data :

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



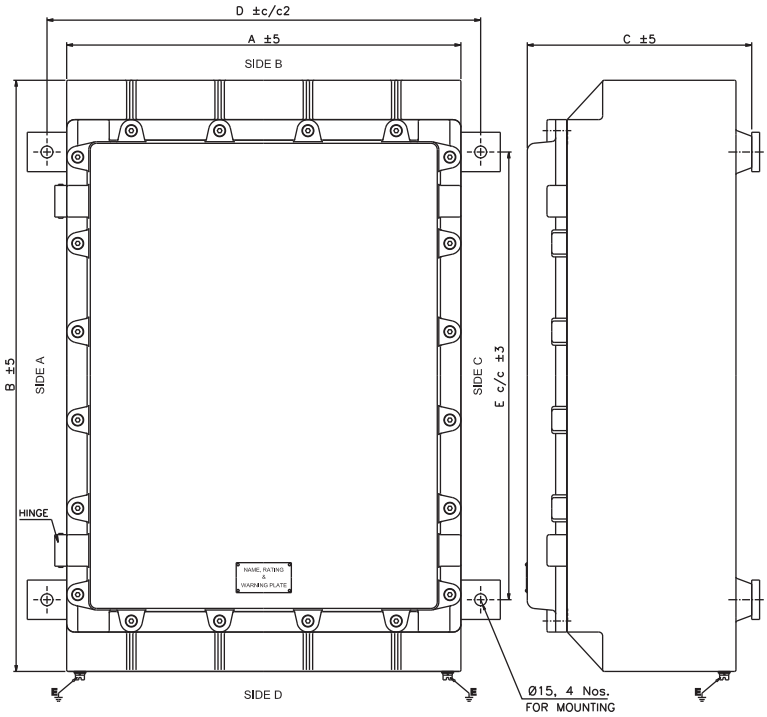


Table 1

Sr. No.	TYPE No .	TEMP. CLASS	CERTIFICATION	DIMENSIONS				
				A ±2	B ±5	C±5	D ±5	E ±5
01	SC 315045	65	CIMFR/TC/SR/1535	500	450	285	550	270
02	SC 316550	65	CIMFR/TC/SR/H115	500	750	285	550	570
03	SC 316550 B	65	CIMFR/TC/SR/H115	615	865	400	650	770
04	SC 31352 S	66	CIMFR/TC/SR/H123	340	505	300	390	440
05	SC 31352 B	66	CIMFR/TC/SR/H123	505	680	325	550	610
05	IJ 31850	65	CIMFR/TC/SR/1198	570	870	260	540	505

Table 2

Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES											
		SC 315045		SC 316550		SC 316550 B		SC 31352 S		SC 31352 B		IJ 31850	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	30 Nos.	46 Nos.	70 Nos.	46 Nos.	100 Nos.	70 Nos.	55 Nos.	35 Nos.	80 Nos.	58 Nos.	80 Nos.	48 Nos.
02	M25 x 1.5 Pitch	18 Nos.	29 Nos.	44 Nos,	29 Nos.	70 Nos,	44 Nos.	35 Nos.	24 Nos.	52 Nos.	38 Nos.	60 Nos.	40 Nos.
03	M32 x 1.5 Pitch	15 Nos.	23 Nos.	35 Nos.	23 Nos.	48 Nos.	35 Nos.	24 Nos.	15 Nos.	32 Nos.	22 Nos.	36 Nos.	24 Nos.
04	M40 x 1.5 Pitch	08 Nos.	14 Nos.	20 Nos.	14 Nos.	32 Nos.	20 Nos.	21 Nos.	12 Nos.	28 Nos.	20 Nos.	30 Nos.	18 Nos.
05	M50 x 1.5 Pitch	06 Nos.	11 Nos.	17 Nos.	11 Nos.	25 Nos,	18 Nos.	17 Nos.	09 Nos.	20 Nos.	15 Nos.	20 Nos.	14 Nos.
06	M63 x 1.5 Pitch	03 Nos.	04 Nos.	07 Nos.	05 Nos.	14 Nos.	08 Nos.	10 Nos.	06 Nos.	12 Nos.	10 Nos.	16 Nos.	10 Nos.
07	M75 x 1.5 Pitch	02 Nos.	04 Nos.	06 Nos.	04 Nos.	10 Nos.	07 Nos.	06 Nos.	04 Nos.	08 Nos.	06 Nos.	10 Nos.	06 Nos.
08	M90 x 2 Pitch	02 Nos.	03 Nos.	05 Nos.	04 Nos.	08 Nos,	06 Nos.	04 Nos,	02 Nos.	06 Nos.	04 Nos.	05 Nos.	04 Nos.
09	M100 x 2 Pitch	02 Nos.	03 Nos.	05 Nos.	03 Nos.	07 Nos.	05 Nos.	03 Nos.	02 Nos.	04 Nos.	03 Nos.	05 Nos.	03 Nos.

Table 3

Maximum Number of Terminals

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	SC 315045	3 x 42	3 x 50	3 x 36	3 x 44	3 x 30	2 x 35	3 x 24	2 x 28	3 x 14	2 x 16	2 x 06	2 x 08	1 x 05	1 x 06	1 x 05	1 x 06
02	SC 316550	4 x 50	2 x 82	4 x 44	3 x 72	4 x 35	3 x 58	4 x 28	3 x 48	4 x 16	3 x 30	3 x 08	2 x 15	2 x 06	1 x 12	2 x 06	1 x 12
03	SC 316550 B	4 x 58	2 x 90	4 x 50	3 x 76	4 x 42	3 x 62	4 x 34	3 x 56	4 x 20	3 x 36	3 x 12	2 x 18	2 x 08	1 x 15	2 x 08	1 x 15
04	SC 31352 S	3 x 26	2 x 50	3 x 24	2 x 44	3 x 18	2 x 35	3 x 15	2 x 28	3 x 10	2 x 16	2 x 03	1 x 08	1 x 03	1 x 06	1 x 03	1 x 06
05	SC 31352 B	4 x 50	3 x 74	4 x 44	3 x 65	4 x 35	3 x 52	2 x 28	3 x 43	4 x 16	3 x 25	3 x 08	2 x 12	2 x 06	1 x 10	2 x 06	1 x 10
06	IJ 31850	5 x 45	3 x 85	5 x 40	3 x 75	5 x 31	3 x 60	5 x 25	3 x 50	4 x 15	2 x 30	3 x 07	2 x 19	3 x 06	1 x 15	2 x 06	1 x 15

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

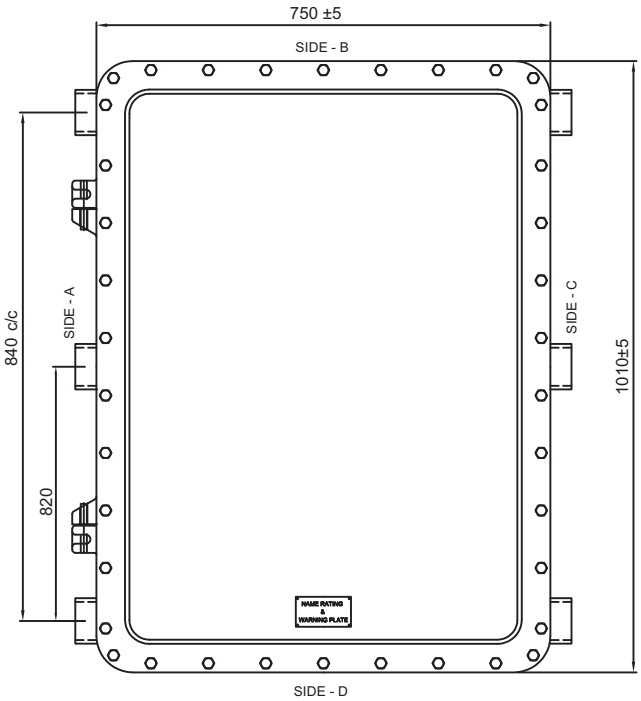
Technical Data : SC 3110075

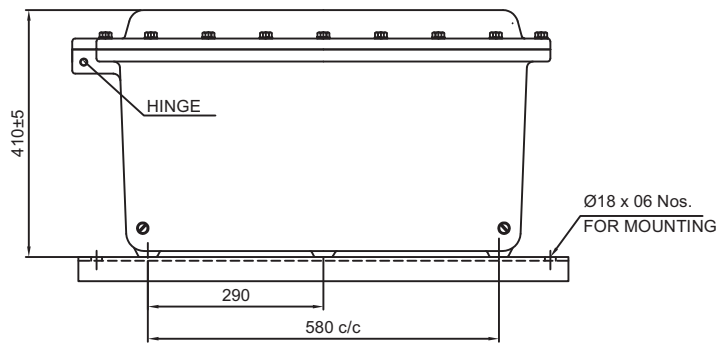
PROTECTION :
IP-65 AS PER IS/IEC 60529

TERMINALS :
AS PER TABLE

CABLE ENTRY :
AS PER TABLE







Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES	
		SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	84 Nos.	50 Nos.
02	M25 x 1.5 Pitch	60 Nos.	41 Nos.
03	M32 x 1.5 Pitch	40 Nos.	24 Nos.
04	M40 x 1.5 Pitch	32 Nos.	18 Nos.
05	M50 x 1.5 Pitch	22 Nos.	14 Nos.
06	M63 x 1.5 Pitch	16 Nos.	10 Nos.
07	M75 x 1.5 Pitch	10 Nos.	06 Nos.
08	M90 x 2 Pitch	05 Nos.	04 Nos.
09	M100 x 2 Pitch	04 Nos,	03 Nos.

Maximum Number of Terminals

Sr. No.	SIZE OF TERMINALS	MAX. Nos. OF TERMINALS	
		HOR.	VER.
01	2.5/4 Sq.mm	5 x 85	3 x 115
02	6 Sq.mm	3 x 72	3 x 105
03	10 Sq.mm	3 x 60	3 x83
04	16 Sq.mm	3 x 50	3 x 60
05	35/50 Sq.mm	2 x 30	2 x 29
06	70 Sq.mm	2 x 19	1 x 26
07	95 Sq.mm	1 x 15	1 x 20
08	120 Sq.mm	1 x 15	1 x 20

SINCE 1974

Ex-e & Weatherproof Junction Box Suitable for Zone-2 Application

General Technical Data

ENCLOSURE :
Ex-e, AS PER IS/IEC 60079-7 & IS/IEC 60079-0

AREA CLASSIFICATION :
ZONE - 2 & 22

MATERIAL OF CONSTRUCTION :
DIE CAST AL. ALLOY/STAINLESS STEEL 304/316

SURFACE TEMP. CLASSIFICATION :
T6

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND & STOPPER (BNP/SS)
2) PAINT SHADE AS PER CLIENT REQUIREMENT
3) CANOPY





SINCE 1974

Ex-e & Wp Junction Box Suitable For Zone- 2 Area

Technical Data : IJ 21100

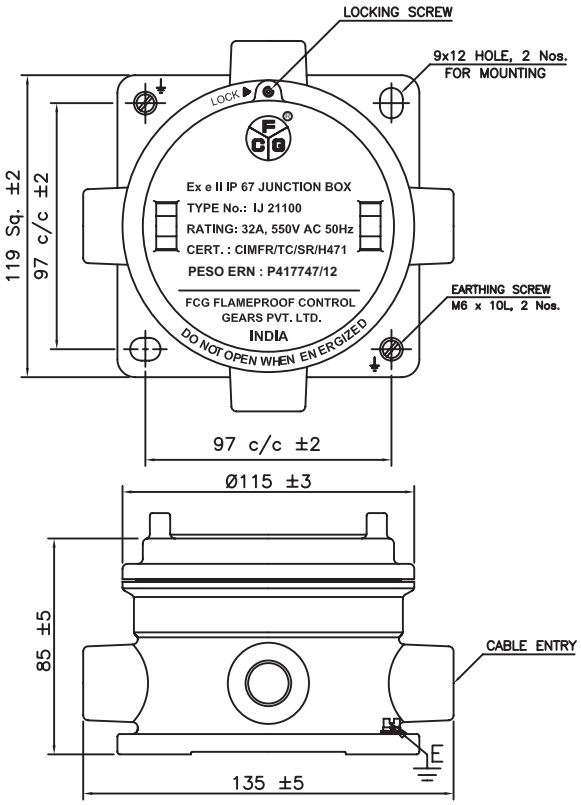
PROTECTION :
IP-67 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/H471

TERMINALS :
CLIPON TYPE 2.5 Sq. mm x 8 Nos.

CABLE ENTRY :
M20 x 4 Nos. AS A STANDARD
THREE SIDE M20 x 1 No.
AT BOTTOM M20 x 2 Nos. AS ON REQUEST





Technical Data : FCG/JB/1004-5

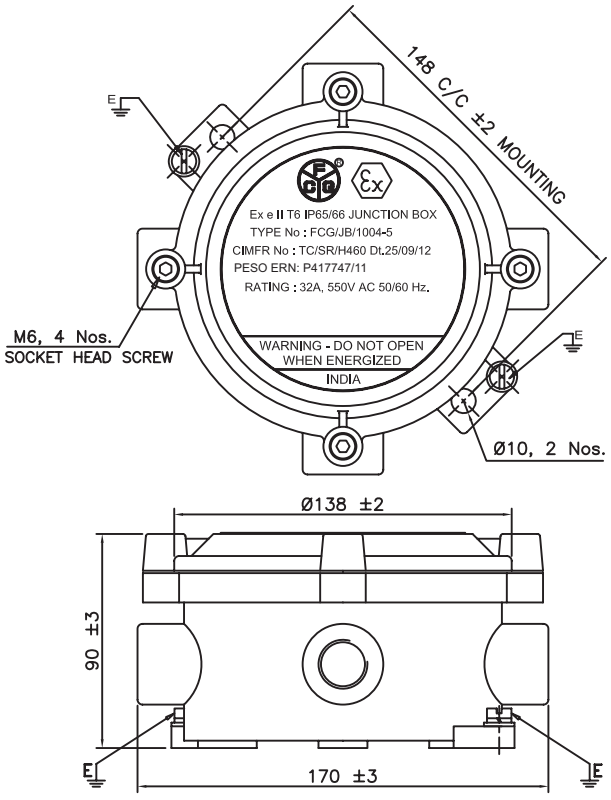
PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/H460

TERMINALS :
CLIPON TYPE 2.5 Sq. mm x 10 Nos.

CABLE ENTRY :
M20 x 4 Nos. AS A STANDARD





SINCE 1974

Ex-e & Wp Junction Box Suitable For Zone- 2 Area

Technical Data :

PROTECTION :
IP-55/65 AS PER IS/IEC 60529

CERTIFICATION :
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2

NOTE :
THIS ENCLOSURE IS ALSO AVAILABLE WITH HINGE ARRANGEMENT ON REQUEST.



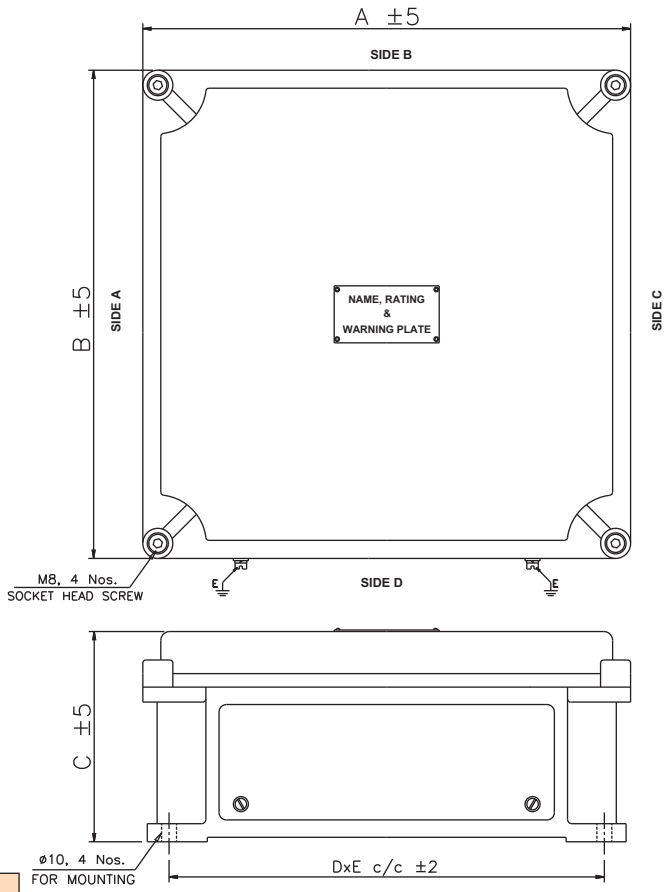


Table 1

Sr. No.	TYPE No .	IP	CERTIFICATION	DIMENSIONS				
				A ±5	B ±5	C±5	D ±2	E ±2
01	JB 1004-2	55	CIMFR/TC/SR/H300	170	170	125	140	140
02	JB 1004-3	65	CIMFR/TC/SR/H337	172	330	125	140	290
03	JB 1004-4	65	CIMFR/TC/SR/H304	325	325	145	295	295
04	JB 1004-10	55	CIMFR/TC/P/H356	640	785	210	575	720
05	JB 1004-11	55	CIMFR/TC/P/1117	785	930	210	725	875

As on Request

Table 2 **Maximum Number of Cable Entries**

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES									
		JB 1004-2		JB 1004-3		JB 1004-4		JB 1004-10		JB 1004-11	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	04 Nos.	04 Nos.	10 Nos.	04 Nos.	12 Nos.	12 Nos.	44 Nos.	36 Nos.	55 Nos.	47 Nos.
02	M25 x1.5 Pitch	02 Nos.	02 Nos.	07 Nos.	03 Nos.	09 Nos.	09 Nos.	35 Nos.	29 Nos.	45 Nos.	38 Nos.
03	M32 x1.5 Pitch	01 No.	01 No.	05 Nos.	02 Nos.	04 Nos.	04 Nos.	18 Nos.	16 Nos.	23 Nos.	20 Nos.
04	M40 x 1.5 Pitch	01 No.	01 No.	04 Nos.	01 Nos.	03 Nos.	03 Nos.	16 Nos.	15 Nos.	20 Nos.	18 Nos.
05	M50 x 1.5 Pitch	01 No.	01 No.	03 Nos.	01 Nos.	02 Nos.	02 Nos.	07 Nos.	06 Nos.	09 Nos.	08 Nos.
06	M63 x 1.5 Pitch	—	—	—	—	02 Nos.	02 Nos.	06 Nos.	05 Nos.	08 Nos.	07 Nos.
07	M75 x 1.5 Pitch	—	—	—	—	—	—	05 Nos.	04 Nos.	06 Nos.	05 Nos.

Table 3 **Maximum Number of Terminals**

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	JB 1004-2	1 x 10	1 x 10	1 x 07	1 x 07	1 x 06	1 x 06	1 x 04	1 x 04	—	—	—	—	—	—	—	—
02	JB 1004-3	1 x 30	1 x 10	1 x 24	1 x 07	1 x 20	1 x 06	2 x 16	1 x 04	1 x 10	1 x 02	—	—	—	—	—	—
03	JB 1004-4	2 x 28	2 x 28	2 x 24	2 x 24	2 x 20	2 x 20	2 x 16	2 x 16	1 x 05	1 x 05	1 x 04	1 x 04	1 x 04	1 x 04	—	—
04	JB 1004-10	5 x 68	4 x 88	5 x 60	4 x75	5 x 48	4 x 60	4 x 40	3 x 50	3 x 20	2 x 30	3 x 11	2 x 16	3 x 10	2 x 12	3 x 10	2 x 12
05	JB 1004-11	7 x 88	5 x 100	7 x 75	5 x 95	7 x 60	5 x 75	6 x 50	5 x 62	5 x 30	3 x 40	4 x 16	3 x 20	4 x 12	3 x 16	3 x 12	2 x 16

SINCE 1974

Ex-e & Wp Junction Box Suitable For Zone- 2 Area

Technical Data :

PROTECTION :
IP-65/66 AS PER IS/IEC 60529
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2

NOTE :
THIS ENCLOSURE IS ALSO AVAILABLE WITH HINGE ARRANGEMENT ON REQUEST.



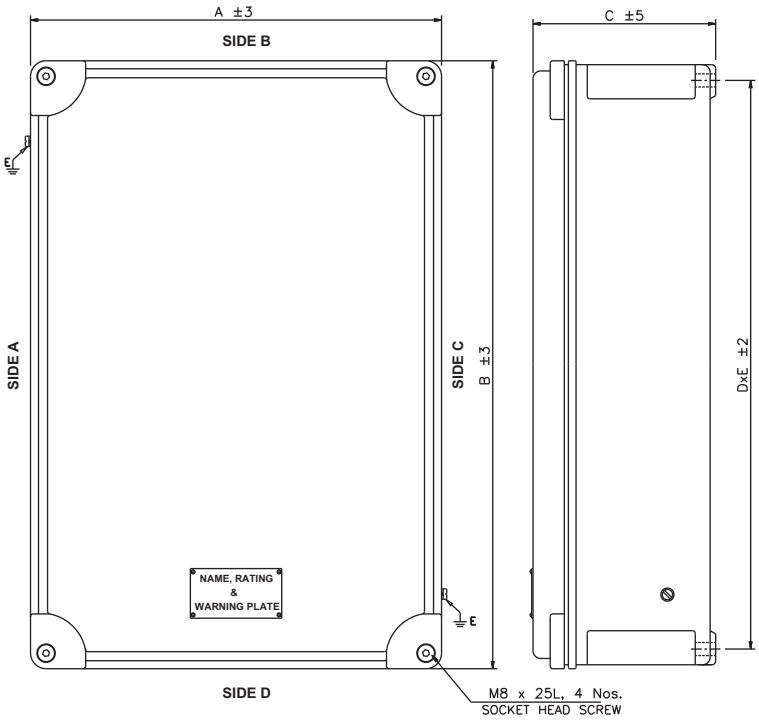


Table 1

Sr. No.	TYPE No .	CERTIFICATION	DIMENSIONS				
			A ±3	B ±3	C±5	D ±2	E ±3
01	IJ 21146	CIMFR/TC/SR/H303	204	304	126	325	172
02	IJ 21146A	CIMFR/TC/SR/H303	330	378	122	354	306
03	IJ 21147	CIMFR/TC/SR/H257	315	466	140	430	280
04	IJ 21148	CIMFR/TC/SR/H302	420	620	220	575	375
05	IJ 21149	CIMFR/TC/P/264	532	632	225	582	482
06	IJ 21150	CIMFR/TC/P/H73	635	835	225	790	590

Table 2 **Maximum Number of Cable Entries**

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES											
		IJ 21146		IJ 21146A		IJ 21147		IJ 21148		IJ 21149		IJ 21150	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	08 Nos.	05 Nos.	13 Nos.	10 Nos.	16 Nos.	10 Nos.	30 Nos.	20 Nos.	32 Nos.	24 Nos.	45 Nos.	32 Nos.
02	M25 x 1.5 Pitch	05 Nos.	03 Nos.	08 Nos.	05 Nos.	12 Nos.	08 Nos.	20 Nos.	12 Nos.	26 Nos.	20 Nos.	38 Nos.	26 Nos.
03	M32 x 1.5 Pitch	04 Nos.	02 Nos.	05 Nos.	03 Nos.	07 Nos.	04 Nos.	16 Nos.	10 Nos.	15 Nos.	12 Nos.	20 Nos.	15 Nos.
04	M40 x 1.5 Pitch	03 Nos.	02 Nos.	04 Nos.	03 Nos.	06 Nos.	03 Nos.	12 Nos.	08 Nos.	14 Nos.	11 Nos.	18 Nos.	14 Nos.
05	M50 x 1.5 Pitch	—	—	03 Nos.	02 Nos.	05 Nos.	03 Nos.	08 Nos.	05Nos.	09 Nos.	07 Nos.	12 Nos.	09 Nos.
06	M63 x 1.5 Pitch	—	—	—	—	04 Nos.	02 Nos.	05 Nos.	03 Nos.	05 Nos.	04 Nos.	07 Nos.	05 Nos.
07	M75 x 1.5 Pitch	—	—	—	—	04 Nos.	03 Nos.	04 Nos.	03 Nos.	06 Nos.	04 Nos.	06 Nos.	04 Nos.
08	M90 x 2 Pitch	—	—	—	—	03 Nos.	02 Nos.	03 Nos.	03 Nos.	05 Nos.	03 Nos.	05 Nos.	03 Nos.

Table 3 **Maximum Number of Terminals**

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)													
		2.5/4 Sq.mm		6 Sq.mm		10 Sq.mm		16 Sq.mm		35/50 Sq.mm		70 Sq.mm		95 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	IJ 21146	2 x 14	1 x 26	2 x 12	1 x 22	2 x 10	1 x 18	1 x 07	1 x 14	1 x 02	1 x 07	1 x 01	—	—	—
02	IJ 21146A	2 x 30	2 x 38	2 x 22	1 x 29	2 x 18	2 x 23	2 x 15	1 x 19	2 x 10	1 x 13	2 x 04	1 x 06	2 x 04	1 x 06
03	IJ 21147	3 x 27	2 x 48	3 x 23	2 x 42	3 x 18	2 x 32	3 x 15	2 x 26	2 x 08	1 x 15	2 x 03	1 x 07	1 x 02	1 x 06
04	IJ 21148	4 x 40	3 x 66	4 x 32	3 x 58	4 x 26	3 x 46	3 x 22	2 x 38	2 x 12	2 x 22	2 x 05	1 x 10	2 x 05	1 x 09
05	IJ 21149	4 x 50	3 x 65	4 x 40	3 x 55	4 x 35	3 x 40	3 x 30	2 x 35	3 x 12	2 x 14	1 x 18	2 x 14	2 x 12	1 x 12
06	IJ 21150	4 x 70	3 x 90	4 x 60	3 x 80	4 x 55	3 x 60	3 x 40	2 x 50	3 x 20	2 x 20	2 x 14	1 x 18	2 x 14	1 x 18

SINCE 1974

Ex-e & Wp Junction Box Suitable For Zone- 2 Area

Technical Data : JBE.... SERIES

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CMRI/TC/P/H283, CIMFR/TC/SR/H527 CIMFR/TC/SR/817

MATERIAL :
SS304/SS316/SS316L/M.S

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



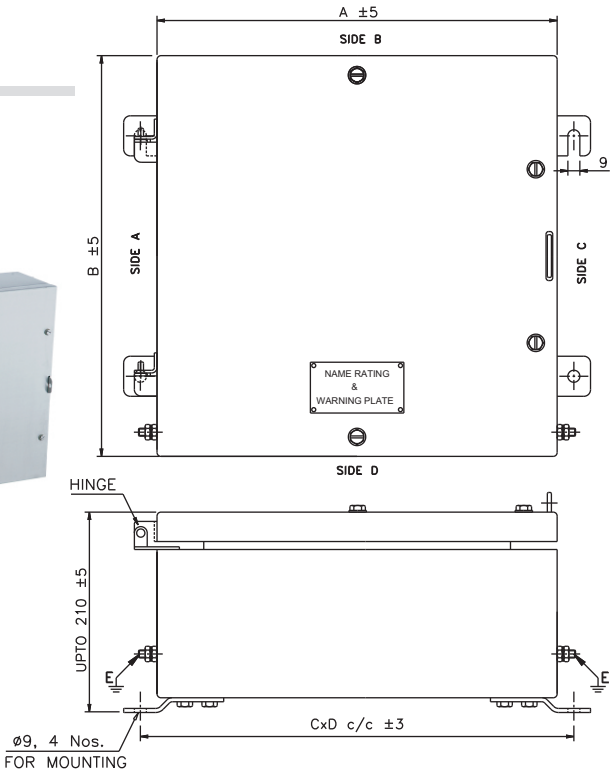


Table 1

Sr. No.	TYPE No .	DIMENSIONS A ±5	B ±5	C±3	D ±3
01	JBE SS 20 30 21	200	300	225	180
02	JBE SS 30 30 21	300	300	325	180
03	JBE SS 30 40 21	300	400	325	280
04	JBE SS 40 50 21	400	500	425	380
05	JBE SS 50 60 21	500	600	525	480
06	JBE SS 50 75 21	500	750	525	630

Table 2

Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	ENCLOSURE HEIGHT	MAX. Nos. OF CABLE ENTRIES											
			JBE SS 20 30 21		JBE SS 30 30 21		JBE SS 30 40 21		JBE SS 40 50 21		JBE SS 50 60 21		JBE SS 50 75 21	
			SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	150	16 Nos.	10 Nos.	16 Nos.	16 Nos.	18 Nos.	16 Nos.	24 Nos.	18 Nos.	24 Nos.	18 Nos.	41 Nos.	24 Nos.
		180	21 Nos.	12 Nos.	21 Nos.	21 Nos.	27 Nos.	21 Nos.	36 Nos.	27 Nos.	42 Nos.	36 Nos.	51 Nos.	36 Nos.
		210	28 Nos.	20 Nos.	28 Nos.	28 Nos.	36 Nos.	28 Nos.	48 Nos.	36 Nos.	56 Nos.	48 Nos.	61 Nos.	48 Nos.
02	M25 x 1.5 Pitch	150	12 Nos.	08 Nos.	12 Nos.	12 Nos.	16 Nos.	12 Nos.	20 Nos.	16 Nos.	20 Nos.	20 Nos.	30 Nos.	20 Nos.
		180	15 Nos.	09 Nos.	15 Nos.	15 Nos.	16 Nos.	15 Nos.	27 Nos.	16 Nos.	30 Nos.	27 Nos.	45 Nos.	27 Nos.
		210	18 Nos.	12 Nos.	18 Nos.	18 Nos.	24 Nos.	18 Nos.	30 Nos.	24 Nos.	38 Nos.	30 Nos.	56 Nos.	30 Nos.
03	M32 x 1.5 Pitch	150	07 Nos.	04 Nos.	07 Nos.	07 Nos.	08 Nos.	07 Nos.	10 Nos.	08 Nos.	12 Nos.	10 Nos.	14 Nos.	10 Nos.
		180	10 Nos.	06 Nos.	10 Nos.	10 Nos.	14 Nos.	10 Nos.	16 Nos.	14 Nos.	16 Nos.	16 Nos.	25 Nos.	16 Nos.
		210	12 Nos.	09 Nos.	12 Nos.	12 Nos.	18 Nos.	12 Nos.	21 Nos.	18 Nos.	24 Nos.	21 Nos.	35 Nos.	21 Nos.
04	M40 x 1.5 Pitch	150	05 Nos.	03 Nos.	05 Nos.	05 Nos.	06 Nos.	05 Nos.	07 Nos.	05 Nos.	09 Nos.	07 Nos.	10 Nos.	07 Nos.
		180	08 Nos.	06 Nos.	08 Nos.	08 Nos.	12 Nos.	08 Nos.	14 Nos.	12 Nos.	14 Nos. 1	4 Nos.	22 Nos.	14 Nos.
		210	09 Nos.	06 Nos.	09 Nos.	09 Nos.	15 Nos.	09 Nos.	18 Nos.	15 Nos.	23 Nos.	18 Nos.	30 Nos.	18 Nos.
05	M50 x 1.5 Pitch	150	03 Nos.	02 Nos.	03 Nos.	03 Nos.	05 Nos.	03 Nos.	08 Nos.	06 Nos.	06 Nos.	16 Nos.	09 Nos.	06 Nos.
		180	05 Nos.	03 Nos.	05 Nos.	05 Nos.	06 Nos.	05 Nos.	09 Nos.	07 Nos.	09 Nos.	08 Nos.	13 Nos.	08 Nos.
		210	06 Nos.	04 Nos.	06 Nos.	06 Nos.	10 Nos.	06 Nos.	12 Nos.	10 Nos.	12 Nos.	12 Nos.	18 Nos.	12 Nos.
06	M63 x 1.5 Pitch	150	03 Nos.	02 Nos.	03 Nos.	03 Nos.	04 Nos.	03 Nos.	05 Nos.	04 Nos.	05 Nos.	05 Nos.	07 Nos.	05 Nos.
		180	03 Nos.	02 Nos.	03 Nos.	03 Nos.	04 Nos.	03 Nos.	05 Nos.	04 Nos.	05 Nos.	05 Nos.	07 Nos.	05 Nos.
		210	05 Nos.	03 Nos.	05 Nos.	05 Nos.	06 Nos.	05 Nos.	08 Nos.	06 Nos.	09 Nos.	08 Nos.	13 Nos.	08 Nos.
07	M75 x 1.5 Pitch	210	03 Nos.	01 Nos.	03 Nos.	03 Nos.	03 Nos.	02 Nos.	04 Nos.	03 Nos.	04 Nos.	04 Nos.	06 Nos.	04 Nos.
08	M90 x 2 Pitch	210	02 Nos.	01 Nos.	02 Nos.	02 Nos.	03 Nos.	02 Nos.	04 Nos.	03 Nos.	04 Nos.	04 Nos.	06 Nos.	04 Nos.
09	M100 x 2 Pitch	210	02 Nos.	01 Nos.	02 Nos.	02 Nos.	02 Nos.	02 Nos.	03 Nos.	02 Nos.	03 Nos.	04 Nos.	05 Nos.	04 Nos.

Table 3

Maximum Number of Terminals

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	JBE SS 20 30 21	1 x 28	2 x 14	1 x 24	2 x 12	1 x 19	1 x 10	1 x 16	1 x 08	—	—	—	—	—	—	—	—
02	JBE SS 30 30 21	2 x 28	2 x 28	2 x 24	2 x 24	1 x 19	1 x 19	1 x 16	1 x 16	1 x 06	1 x 06	—	—	—	—	—	—
03	JBE SS 30 40 21	2 x 40	3 x 28	2 x 35	3 x 28	2 x 29	2 x 19	2 x 24	1 x 16	1 x 10	1 x 06	1 x 08	2 x 05	1 x 07	1 x 04	1 x 05	1 x 03
04	JBESS 40 50 21	2 x 55	3x40	2 x 45	3 x 35	2 x 36	3 x 30	2 x 30	2 x 24	2 x 16	2 x 10	2 x 11	2 x 08	1 x 09	1 x 06	1 x 07	1 x 05
05	JBESS 50 60 21	3 x 70	4 x 50	3 x 60	4 x 45	3 x 45	4 x 35	3 x 40	3 x 30	2 x 15	3 x 12	2 x 15	2 x 10	2 x 12	2 x 09	2 x 10	2 x 07
06	JBESS 50 75 21	3 x 85	4 x 50	3 x 75	4 x 40	3 x 60	4 x 35	2 x 50	3 x 30	2 x 22	3 x 30	2 x 20	2 x 10	2 x 16	2 x 09	2 x 16	3 x 13

SINCE 1974

Ex-e & Wp Junction Box Suitable For Zone- 2 Area

Technical Data : P GR C ... SERIES

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CMRI/TC/P/H154, CIMFR/TC/SR/H533, CIMFR/TC/SR/1114

TERMINAL :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



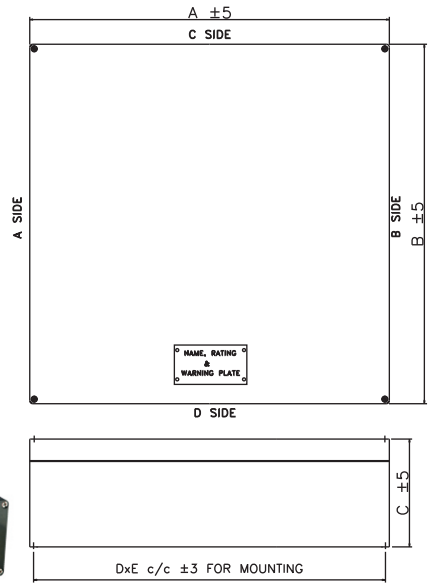


Table 1

Sr. No.	TYPE No .	DIMENSIONS A ±5	B ±5	C±5	D ±3	E ±3
01	P GR C 12 12 09	122	120	90	106	82
02	P GR C 12 22 09	220	120	90	204	82
03	P GR C 16 16 09	160	160	90	140	110
04	P GR C 16 26 09	260	160	90	240	110
05	P GR C 25 25 12	255	250	120	235	200
06	P GR C 22 33 15	225	330	150	288	210
07	P GR C 25 40 12	400	250	120	380	200
08	P GR C 30 42 16	300	420	160	285	365
09	P GR C 30 42 19	300	420	190	285	365
10	P GR C 36 36 11	360	360	110	340	310
11	P GR C 36 72 19	360	720	190	345	525
12	P GR C 37 42 21	370	420	210	344	400
13	P GR C 40 40 12	400	405	120	380	355
14	P GR C 42 60 21	420	600	210	524	450

Table 3

Maximum Number of Terminals

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted) 2.5/4 Sq.mm HOR.	VER.	6 Sq.mm HOR.	VER.	10 Sq mm HOR.	VER.	16 Sq.mm HOR.	VER.	35/50 Sq.mm HOR.	VER.	70 Sq mm HOR.	VER.	95 Sq.mm HOR.	VER.	120 Sq.mm HOR.	VER.
01	P GR C 12 12 09	1x08	1x08	1x06	1x06	—	—	—	—	—	—	—	—	—	—	—	—
02	P GR C 12 22 09	1x06	1x08	1x14	1x07	—	—	—	—	—	—	—	—	—	—	—	—
03	P GR C 16 16 09	1x08	1x08	1x07	1x07	—	—	—	—	—	—	—	—	—	—	—	—
04	P GR C 16 26 09	1x23	1x08	1x20	1x20	—	—	—	—	—	—	—	—	—	—	—	—
05	P GR C 25 25 12	1x23	1x23	1x20	1x20	1x12	1x12	1x05	1x05	—	—	—	—	—	—	—	—
06	P GR C 22 33 15	2x20	1x30	2x12	1x24	1x12	1x15	1x10	1x15	—	—	—	—	—	—	—	—
07	P GR C 25 40 12	1x44	2x22	1x37	2x18	1x25	2x12	1x10	1x05	1x08	1x04	—	—	—	—	—	—
08	P GR C 30 42 16	2x25	2x40	2x22	1x32	1x15	1x27	1x10	1x22	1x06	1x09	1x06	1x08	—	—	—	—
09	P GR C 30 42 19	2x25	2x40	2x22	1x32	1x15	1x27	1x10	1x22	1x06	1x09	1x06	1x08	—	—	—	—
10	P GR C 36 36 11	2x38	2x38	2x32	2x32	2x26	2x26	2x21	2x21	2x09	2x09	1x08	1x08	1x06	1x06	1x04	1x04
11	P GR C 36 72 19	2x38	2x45	2x32	2x40	2x26	2x30	2x21	2x25	2x09	2x10	1x08	2x08	1x06	1x07	1x04	1x06
12	P GR C 37 42 21	2x47	2x40	2x40	2x33	2x32	2x27	2x26	2x22	1x11	2x09	1x10	2x08	1x08	1x06	1x07	1x05
13	P GR C 40 40 12	2x42	2x42	2x35	2x35	2x25	2x25	2x22	2x22	2x09	1x09	1x08	1x08	1x06	1x06	1x04	1x04
14	P GR C 42 60 21	2x70	3x44	2x58	3x36	3x46	3x30	3x39	3x25	1x17	2x10	1x14	2x08	1x11	1x07	1x10	1x06

Table 2

Maximum Number of Cable Entries

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES P GR C 12 12 09 SIDE A/C	SIDE B/D	P GR C 12 22 09 SIDE A/C	SIDE B/D	P GR C 16 16 09 SIDE A/C	SIDE B/D	P GR C 16 26 11 SIDE A/C	SIDE B/D	P GR C 25 25 12 SIDE A/C	SIDE B/D	P GR C 22 33 15 SIDE A/C	SIDE B/D	P GR C 25 40 12 SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	03 Nos.	02 Nos.	04 Nos.	02 Nos.	05 Nos.	03 Nos.	09 Nos.	05 Nos.	10 Nos.	08 Nos.	10 Nos.	04 Nos.	17 Nos.	08 Nos.
02	M25 x 1.5 Pitch	02 Nos.	01 No.	04 Nos.	01 No.	03 Nos.	02 Nos.	05 Nos.	03 Nos.	08 Nos.	06 Nos.	08 Nos.	04 Nos.	14 Nos.	06 Nos.
03	M32 x 1.5 Pitch	01 No.	01 No.	03 Nos.	01 No.	02 Nos.	01 No.	04 Nos.	02 Nos.	05 Nos.	03 Nos.	05 Nos.	03 Nos.	06 Nos.	04 Nos.
04	M40 x 1.5 Pitch	—	—	—	—	02 Nos.	01 No.	03 Nos.	02 Nos.	03 Nos.	02 Nos.	03 Nos.	01 No.	05 Nos.	02 Nos.
05	M50 x 1.5 Pitch	—	—	—	—	—	—	—	—	02 Nos.	02 Nos.	02 Nos.	01 No.	03 Nos.	02 Nos.
06	M63 x 1.5 Pitch	—	—	—	—	—	—	—	—	02 Nos.	02 Nos.	02 Nos.	01 No.	02 Nos.	02 Nos.

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES P GR C 30 42 16 SIDE A/C	SIDE B/D	P GR C 30 42 19 SIDE A/C	SIDE B/D	P GR C 36 36 11 SIDE A/C	SIDE B/D	P GR C 36 72 19 SIDE A/C	SIDE B/D	P GR C 37 42 21 SIDE A/C	SIDE B/D	P GR C 40 40 12 SIDE A/C	SIDE B/D	P GR C 42 60 21 SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	17 Nos.	10 Nos.	20 Nos.	12 Nos.	13 Nos.	12 Nos.	40 Nos.	12 Nos.	21 Nos.	17 Nos.	20 Nos.	18 Nos.	42 Nos.	27 Nos.
02	M25 x 1.5 Pitch	14 Nos.	08 Nos.	16 Nos.	09 Nos.	07 Nos.	06 Nos.	32 Nos.	06 Nos.	15 Nos.	11 Nos.	14 Nos.	13 Nos.	35 Nos.	21 Nos.
03	M32 x 1.5 Pitch	06 Nos.	05 Nos.	06 Nos.	05 Nos.	05 Nos.	05 Nos.	16 Nos.	05 Nos.	06 Nos.	05 Nos.	06 Nos.	06 Nos.	18 Nos.	11 Nos.
04	M40 x 1.5 Pitch	05 Nos.	03 Nos.	05 Nos.	03 Nos.	05 Nos.	04 Nos.	15 Nos.	04 Nos.	06 Nos.	04 Nos.	05 Nos.	05 Nos.	17 Nos.	10 Nos.
05	M50 x 1.5 Pitch	03 Nos.	02 Nos.	03 Nos.	02 Nos.	—	—	10 Nos.	03 Nos.	05 Nos.	03 Nos.	04 Nos.	04 Nos.	13 Nos.	08 Nos.
06	M63 x 1.5 Pitch	02 Nos.	02 Nos.	02 Nos.	02 Nos.	—	—	05 Nos.	02 Nos.	04 Nos.	03 Nos.	04 Nos.	03 Nos.	06 Nos.	04 Nos.
07	M75 x 1.5 Pitch	—	—	—	—	—	—	—	—	—	—	—	—	05 Nos.	03 Nos.
08	M90 x 2 Pitch	—	—	—	—	—	—	—	—	—	—	—	—	04 Nos.	02 Nos.
09	M100 x 2 Pitch	—	—	—	—	—	—	—	—	—	—	—	—	03 Nos.	02 Nos.

SINCE 1974

Weatherproof Junction Box

Technical Data : P GR G ... SERIES

ENCLOSURE :
WEATHERPROOF SUITABLE FOR INSTALLATION IN SAFE AREA

PROTECTION :
IP-66 AS PER IS/IEC 60529

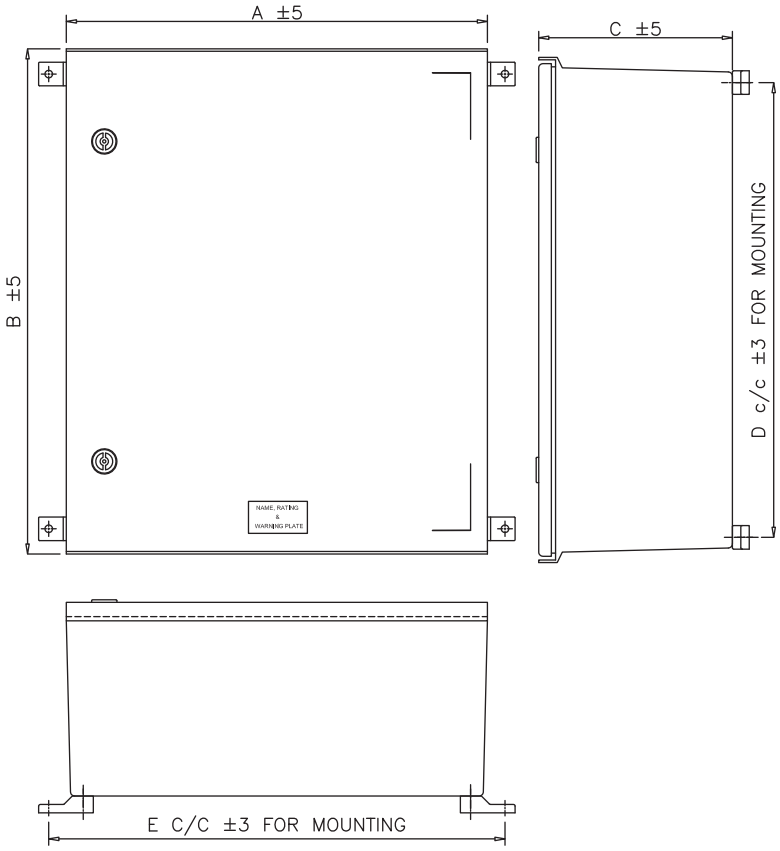
CERTIFICATION :
CMRI/TC/P/H751

MATERIAL OF CONSTRUCTION :
FIBER GLASS REINFORCED POLYESTER

TERMINAL :
AS PER CUSTOMER REQUIREMENT

CABLE ENTRY :
AS PER CUSTOMER REQUIREMENT





Sr. No.	ENCLOSURES TYPE No .	DIMENSIONS				
		A ±5	B ±5	C±5	D ±3	E ±3
01	P GR G 25 30 14	250	300	140	250	297
02	P GR G 30 40 20	300	400	200	340	345
03	P GR G 40 50 20	400	500	200	435	440
04	P GR G 40 60 23	400	600	230	535	440
05	P GR G 50 60 23	500	600	230	540	540
06	P GR G 60 80 30	600	800	300	740	640

SINCE 1974

Flameproof & Weatherproof
Multiway Junction Box for Ex-d, IIA, IIB & IIC Application

General Technical Data

ENCLOSURE :
Ex-d, IIA, IIB & IIC AS PER IS/IEC 60079-1

AREA CLASSIFICATION :
ZONE - 1 & 2

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

SURFACE TEMP. CLASSIFICATION :
T6

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

OPTIONAL ACCESSORIES AT EXTRA COST :
1)DOUBLE COMPRESSION CABLE GLAND & STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) CANOPY

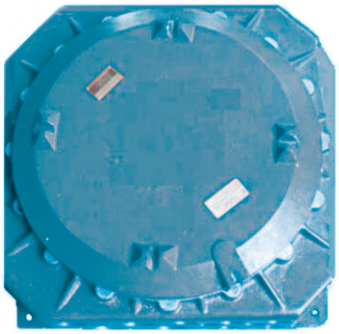












SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data : IJ 61100

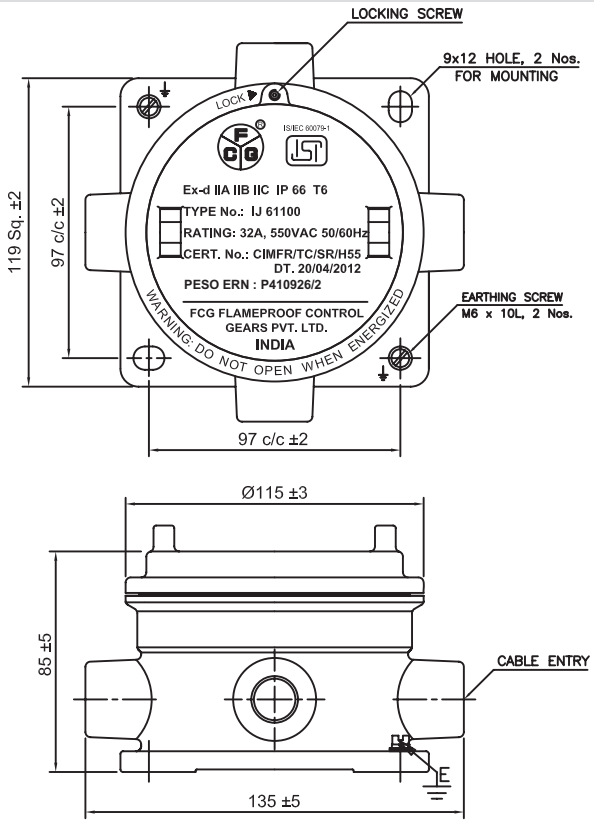
PROTECTION :
IP-66 AS PER IS/IEC 60529

CERTIFICATION NO :
CIMFR/TCC/SR/H55

TERMINALS :
CLIPON TYPE 2.5 Sq. mm x 8 Nos. Max.

CABLE ENTRY :
M20 x 4 Nos. AS A STANDARD THREE SIDE
M20 x 1 No. & AT BOTTOM
M20 x 2 Nos. ON REQUEST





Technical Data : IJ 61125

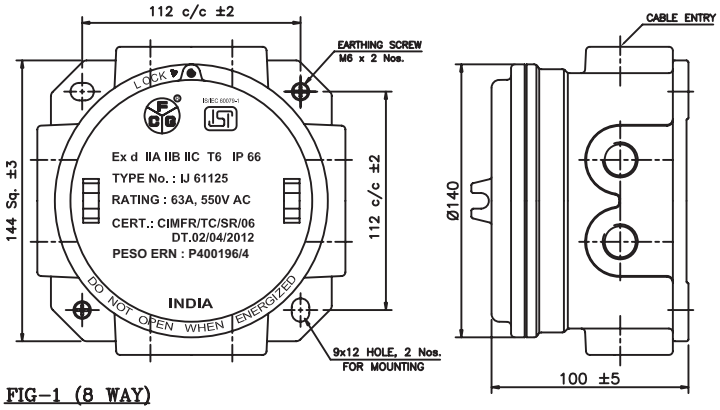
PROTECTION :
IP-66 AS PER IS/IEC 60529

CERTIFICATION NO :
CIMFR/TC/SR/06

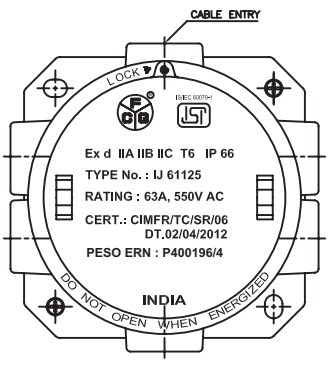
TERMINALS :
AS PER CLIENT REQUIREMENT
(CLIPON TYPE 2.5 Sq. mm x 10 Nos. Max.)

CABLE ENTRY :
M20 x 8 Nos. MAX.

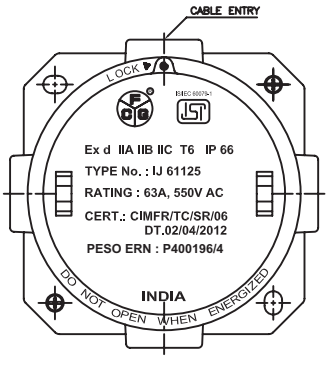




FIG–1 (8 WAY)



FIG–2 (6 WAY)



FIG–3 (4 WAY)

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data : IJ 61170

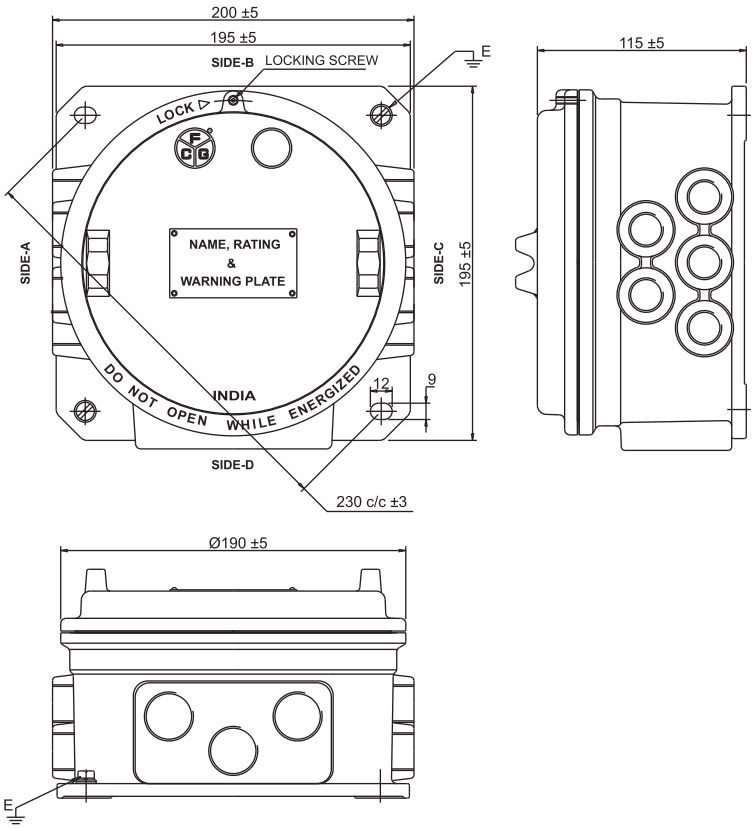
PROTECTION :
IP-66 AS PER IS/IEC 60529

CERTIFICATION NO :
CIMFR/TC/SR/1556

TERMINALS :
CLIPON TYPE RAIL MOUNTED. 2.5 Sq.mm x 16 Nos. (MAX.)

CABLE ENTRY : (MAXIMUM POSSIBLE)
SIDE - A : M20 (Max. 5 Nos.)
SIDE - B : ON REQUEST
SIDE - C : M20 (Max. 5 Nos.)
SIDE - D : M25 (Max. 3 Nos.)





CIMFR / PESO / BIS

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

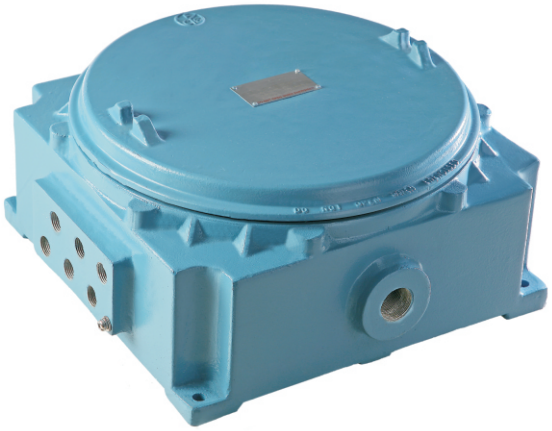
Technical Data : IJ 61...Series

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION NO :
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2



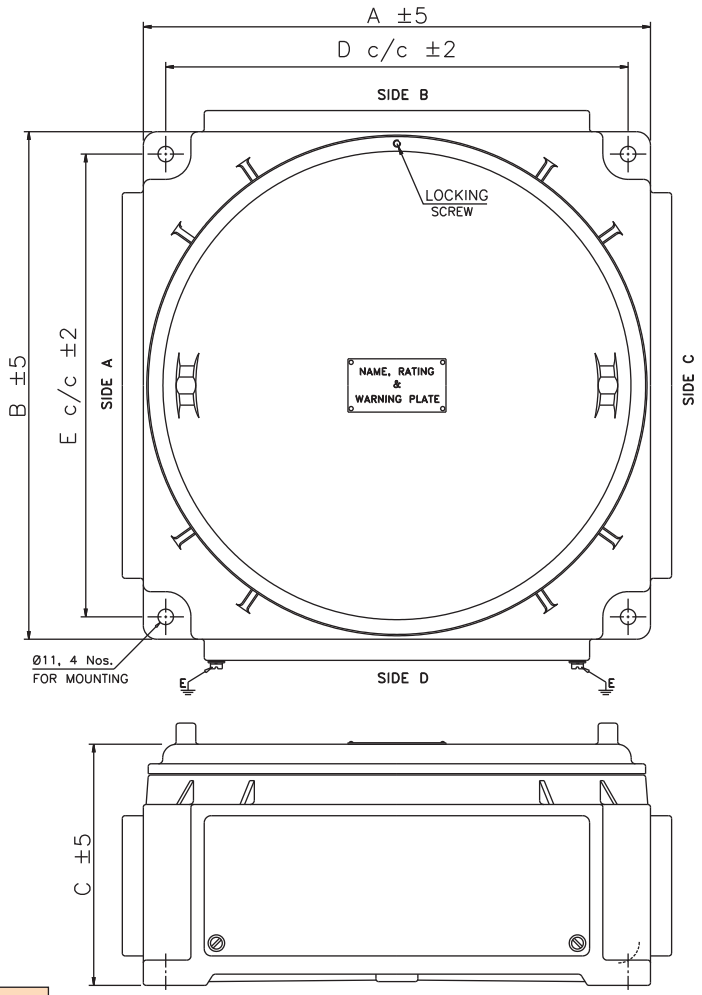


Table 1

Sr. No.	TYPE No .	IP	CERTIFICATION	DIMENSIONS				
				A ±5	B ±5	C±5	D ±2	E ±2
01	IJ 61204T	66	CIMFR/TC/SR/1346	218	218	120	195	195
02	SC 61260	66	CIMFR/TC/P/H71	270	300	145	240	270
03	IJ 61340	66	CIMFR/TC/SR/H751	362	362	170	330	330

Table 2 **Maximum Number of Cable Entries**

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES					
		IJ 61204T		IJ 61340		SC 61260	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	06 Nos.	06 Nos.	15 Nos.	15 Nos.	09 Nos.	08 Nos.
02	M25 x 1.5 Pitch	04 Nos.	04 Nos.	10 Nos.	10 Nos.	06 Nos.	05 Nos.
03	M32 x 1.5 Pitch	03 Nos.	03 Nos.	06 Nos.	06 Nos.	04 Nos.	03 Nos.
04	M40 x 1.5 Pitch	02 Nos.	02 Nos.	06 Nos.	06 Nos.	03 Nos.	02 Nos.
05	M50 x 1.5 Pitch	01 Nos.	01 Nos.	03 Nos.	03 Nos.	02 Nos.	02 Nos.
06	M63 x 1.5 Pitch	—	—	02 Nos.	02 Nos.	—	—
07	M75 x 1.5 Pitch	—	—	02 Nos.	02 Nos.	—	—

Table 3 **Maximum Number of Terminals**

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)													
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	IJ 61204T	1 x 17	1 x 17	1 x 14	1 x 14	1 x 11	1 x 11	1 x 09	1 x 09	1 x 03	1 x 03	1 x 02	1 x 02	—	—
02	SC 61260	2 x 24	2 x 28	2 x 20	2 x 24	2 x 17	2 x 20	2 x 14	2 x 16	1 x 07	1 x 08	1 x 02	1 x 03	—	—
03	IJ 61340	2 x 38	2 x 38	2 x 32	2 x 32	2 x 25	2 x 25	2 x 20	2 x 20	1 x 09	1 x 09	1 x 08	1 x 08	1 x 06	1 x 06

SINCE 1974

Flameproof & Weatherproof Multiway Junction Box

Technical Data : SC 61...Series

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION NO :
AS PER TABLE No.1

TERMINALS :
AS PER TABLE No.3

CABLE ENTRY :
AS PER TABLE No.2

NOTE :
THESE ENCLOSURE IS ALSO AVAILABLE WITH SPIGOT COVER AND WITH HINGE ARRANGEMENT ON REQUEST.
(FOR 61400 & 61500)



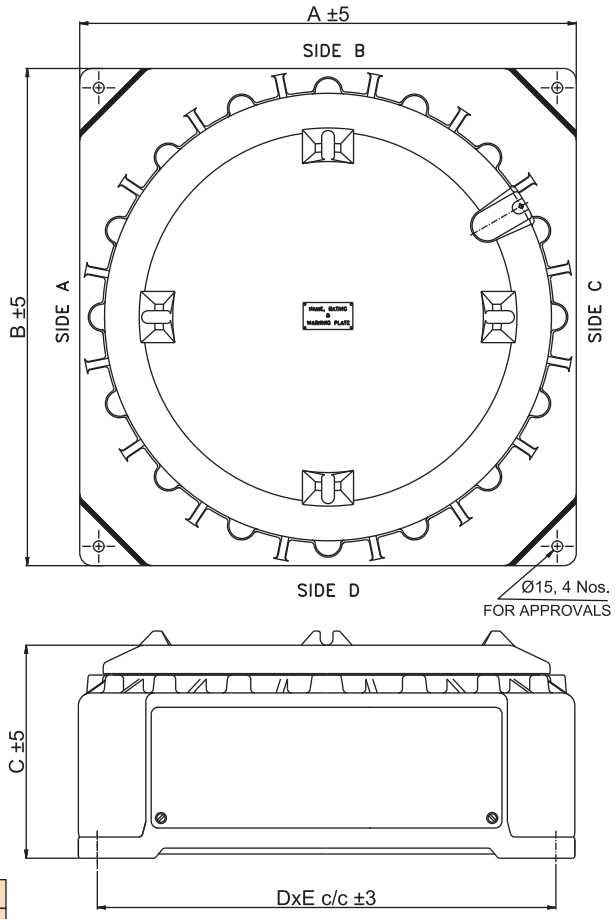


Table 1

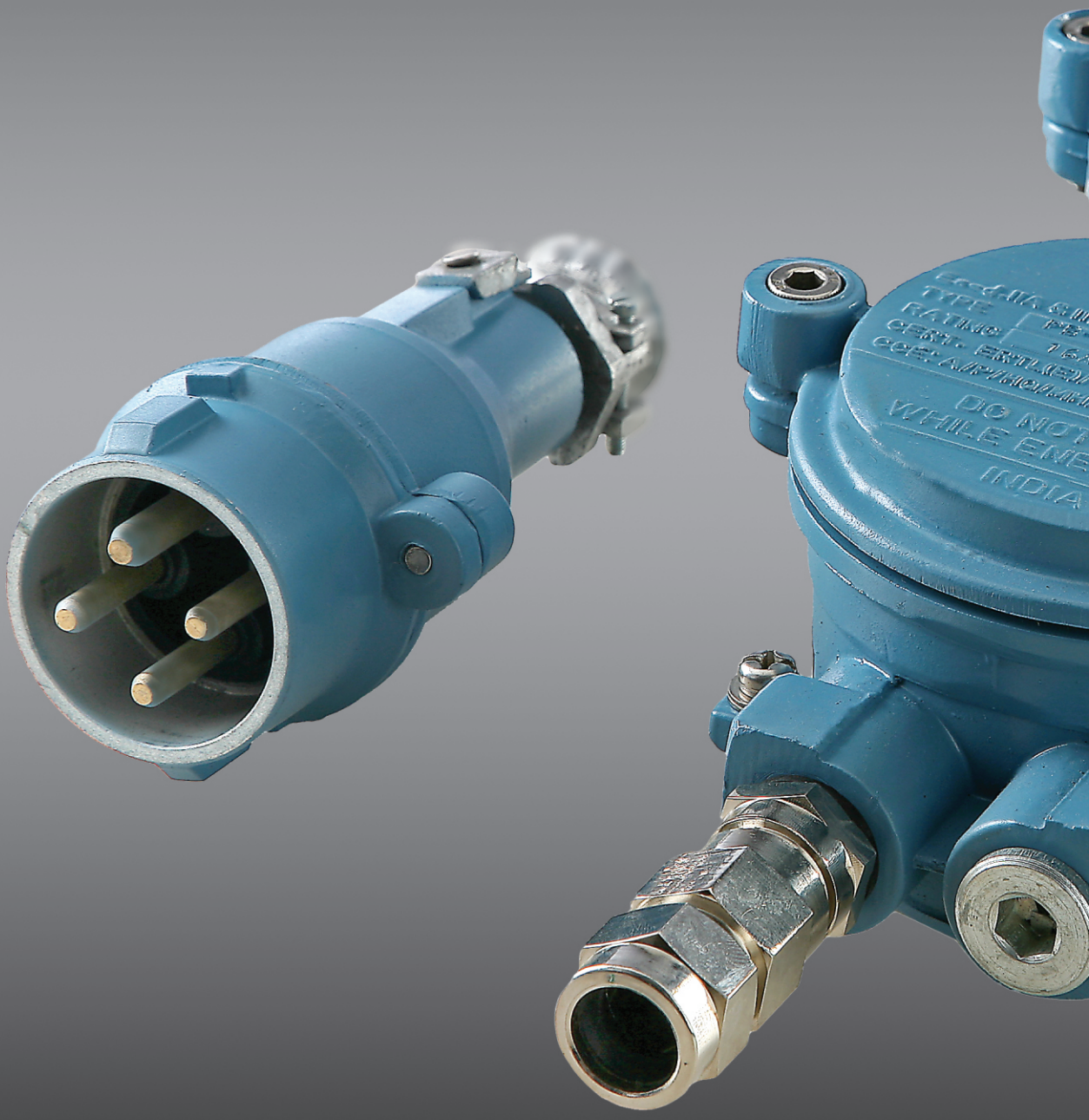
Sr. No.	TYPE No .	IP	CERTIFICATION	DIMENSIONS				
				A ±5	B ±5	C±5	D ±2	E ±2
01	SC 61265	66	CMRI/TC/SR/H125	310	310	215	360	274
02	SC 61400	65/66	CMRI/TC/SR/H116	430	430	250	480	340
03	SC 61500	65/66	CMRI/TC/SR/1522	565	565	305	515	515
04	SC 61600	66	ERTL(E)/TEL/F044/0098/04-10	700	700	300	645	645

Table 2 **Maximum Number of Cable Entries**

Sr. No.	SIZE OF CABLE ENTRIES	MAX. Nos. OF CABLE ENTRIES							
		SC 61265		SC 61400		SC 61500		SC 61600	
		SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D	SIDE A/C	SIDE B/D
01	M20 x 1.5 Pitch	18 Nos.	18 Nos.	36 Nos.	36 Nos.	40 Nos.	40 Nos.	50 Nos.	50 Nos.
02	M25 x 1.5 Pitch	14 Nos.	14 Nos.	23 Nos.	23 Nos.	26 Nos.	26 Nos.	34 Nos.	34 Nos.
03	M32 x 1.5 Pitch	08 Nos.	08 Nos.	17 Nos.	17 Nos.	20 Nos.	20 Nos.	22 Nos.	22 Nos.
04	M40 x 1.5 Pitch	06 Nos.	06 Nos.	12 Nos.	12 Nos.	13 Nos.	13 Nos.	19 Nos.	19 Nos.
05	M50 x 1.5 Pitch	04 Nos.	04 Nos.	09 Nos.	09 Nos.	12 Nos.	12 Nos.	12 Nos.	12 Nos.
06	M63 x 1.5 Pitch	03 Nos.	03 Nos.	07 Nos.	07 Nos.	08 Nos.	08 Nos.	10 Nos.	10 Nos.
07	M75 x 1.5 Pitch	02 Nos.	02 Nos.	03 Nos.	03 Nos.	03 Nos.	03 Nos.	05 Nos.	05 Nos.
09	M90 x 2 Pitch	-	-	03 Nos.	03 Nos.	03 Nos.	03 Nos.	03 Nos.	03 Nos.
09	M100 x 2 Pitch	-	-	02 Nos.	02 Nos.	02 Nos.	02 Nos.	03 Nos.	03 Nos.

Table 3 **Maximum Number of Terminals**

Sr. No	TYPE No	Maximum Number of Terminals (DIN Rail mounted)															
		2.5/4 Sq.mm		6 Sq.mm		10 Sq mm		16 Sq.mm		35/50 Sq.mm		70 Sq mm		95 Sq.mm		120 Sq.mm	
		HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.	HOR.	VER.
01	SC 61265	2x28	2x28	2x24	2x24	2x20	2x20	2x16	2x16	1x08	1x08	1x06	1x06	1x05	1x05	1x04	1x04
02	SC 61400	3x40	3x40	3x35	3x35	3x28	3x28	3x22	3x22	2x14	2x14	2x06	2x06	1x05	1x05	1x04	1x04
03	SC 61500	4x55	4x55	4x50	4x50	4x40	4x40	4x30	4x30	3x18	3x18	2x10	2x10	2x08	2x08	2x07	2x07
03	SC 61600	4x82	4x82	4x68	4x68	4x55	4x55	4x45	4x45	3x20	3x20	2x17	2x17	2x13	2x13	2x10	2x10


TYPE
RATING
DO NOT
WHILE EN
INDIA



SWITCH GEAR

SINCE 1974

Flameproof & Weatherproof Switch Gear & Distribution Board For Ex-d, IIA, IIB & IIC Application

General Technical Data

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

AREA CLASSIFICATION :
ZONE -1, 2, 21 & 22

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED 632 AS PER IS:5

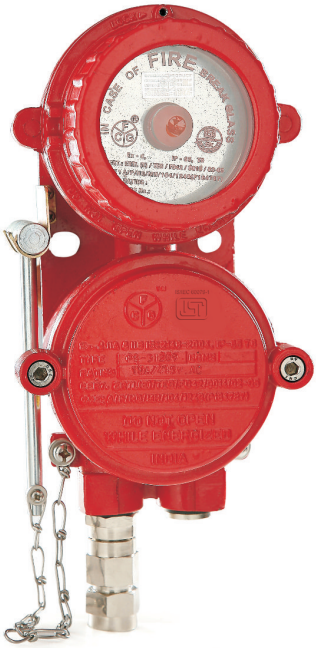
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

MOUNTING :
WALL / STRUCTURE

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EPOXY PAINTED/S.S./AL./FRP.
2) DOUBLE COMPRESSION CABLE GLAND & STOPPER (BNP/SS)
3) PAINT SHADE AS PER CUSTOMER REQUIREMENT
4) KEY LOCKABLE ACTUATOR
5) IP 66
6) CABLE ENTRY THREADS OTHER THEN M20
7) FRAME / PEDESTAL MOUNTING







CIMFR / PESO / BIS

SINCE 1974

Flameproof & Weatherproof Push Button Station



Technical Data :
PB 61201 / PB 61202

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

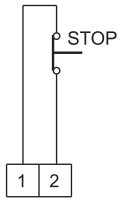
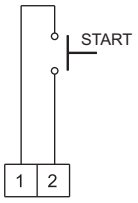
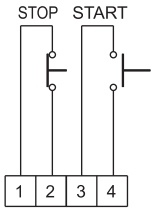
CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

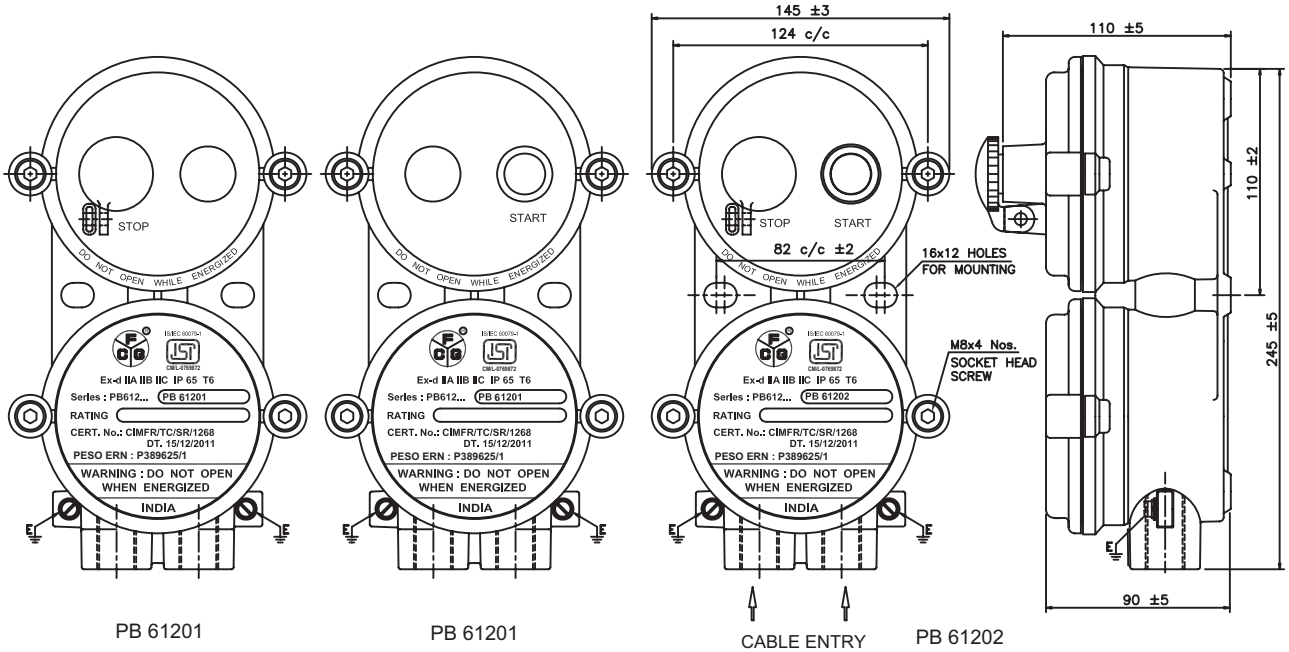
COMPONENTS :
A) CONTACT ELEMENT 10A, 415V AC OR 2A, 110V DC
B) STOP PUSH BUTTON RED MUSHROOM HEAD WITH PADLOCKING ARRANGEMENT WITH "1NC" CONTACT - 01 No.
C) START PUSH BUTTON GREEN SHROUDED WITH "1NO" CONTACT - 1 No.
D) 4 WAY TERMINAL BLOCK - 01 No.
Max. TERMINALS CLIPON TYPE 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) AVAILABLE WITH 2NO+2NC CONTACT
2) PRESSURE DIE CAST ENCLOSURE

WIRING DIAGRAM

PB 61201	PB 61201	PB 61202
		



PB 61201 PB 61201 PB 61202

SINCE 1974

Flameproof & Weatherproof Push Button Station

Technical Data : PB 61203 / PB 61204 / PB 61205 / PB 61206

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

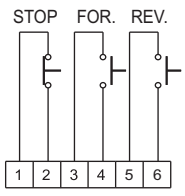
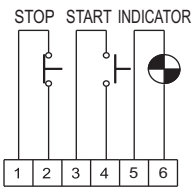
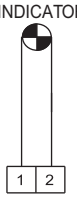
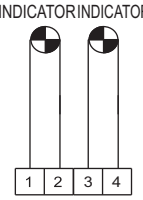
COMPONENTS :
A) CONTACT ELEMENT 10A, 415V AC OR 2A, 110V DC
B) STOP PUSH BUTTON RED MUSHROOM HEAD WITH PADLOCKING ARRANGEMENT WITH "1NC" CONTACT- 01 No.
C) FORWARD / START PUSH BUTTON GREEN SHROUDED WITH "1NO" CONTACT - 01 No.
D) REVERSE PUSH BUTTON YELLOW SHROUDED WITH "1NO" CONTACT - 01 No.
E) INDICATING LAMP - 1 No. OR 2 Nos.
F) TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 6 Nos. Max. TERMINALS 2.5 Sq.mm x 8 Nos.

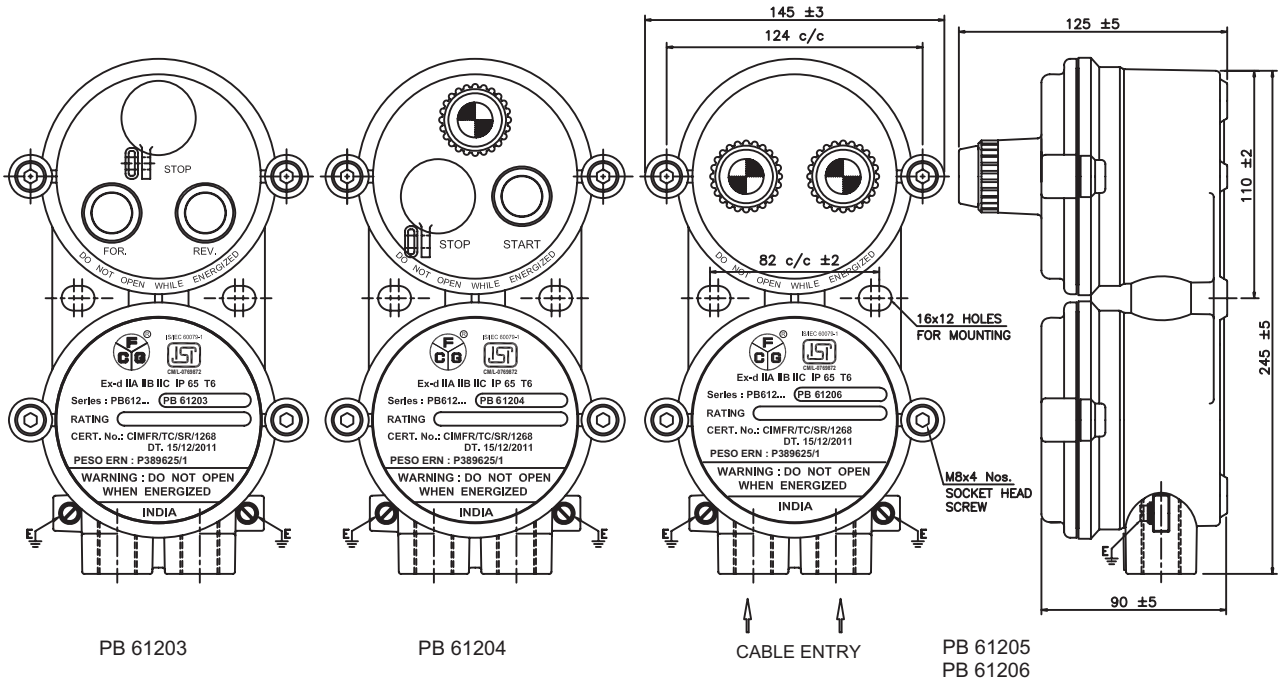
CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) AVAILABLE WITH 2NO+2NC CONTACT
2) PRESSURE DIE CAST ENCLOSURE



WIRING DIAGRAM

PB 61203	PB 61204	PB 61205	PB 61206
			



PB 61203 PB 61204 PB 61205 PB 61206

SINCE 1974

Flameproof & Weatherproof Rotary / Selector Switch & Ammeter Box

Technical Data : PB 61207 / PB 61208

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

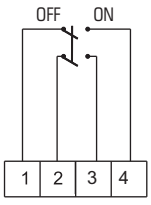
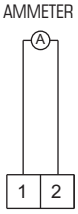
CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

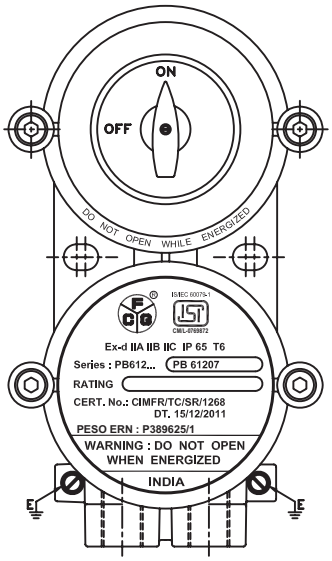
COMPONENTS :
A) SWITCH, 25A, 230/415V, ON-OFF - 1 No.
B) AMMETER DIGITAL / ANALOG - 1 No.
C) 4 WAY TERMINAL BLOCK - 1 No.
Max. TERMINALS CLIPON TYPE 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 02 Nos.

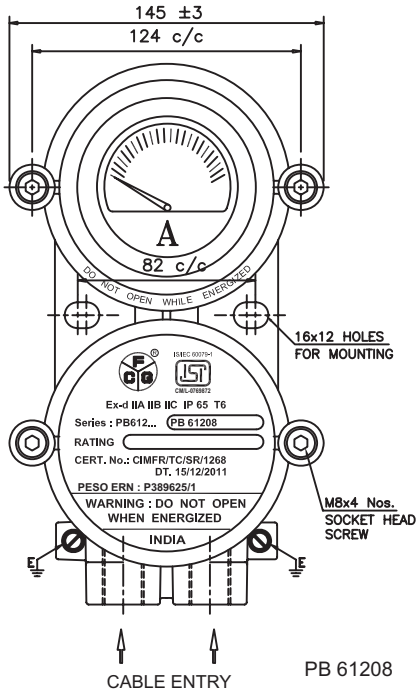
NOTE :
1) PRESSURE DIE CAST ENCLOSURE



WIRING DIAGRAM	
PB 61207	PB 61208
	

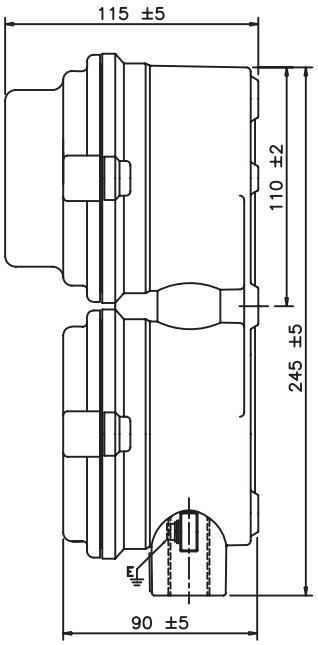


PB 61207



CABLE ENTRY

PB 61208



SINCE 1974

Flameproof & Weatherproof Fire Alarm Station / Limit Switch

Technical Data : PB 61209 / PB 61210

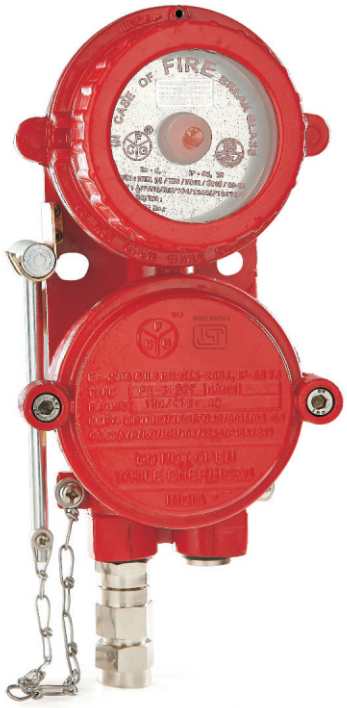
PROTECTION :
IP-65 AS PER IS/IEC 60529

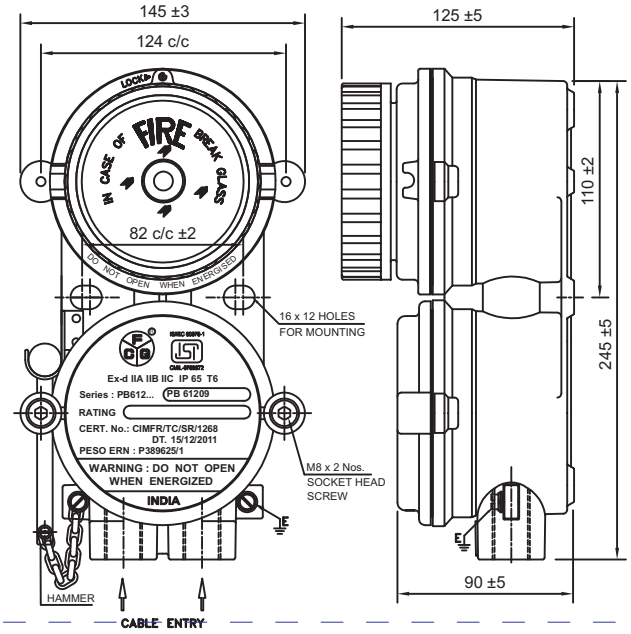
CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

COMPONENTS :
A) CONTACT ELEMENT 10A, 415V AC
B) ACTUATOR, SPRING LOADED - 01 No.
C) BREAKABLE GLASS - 01 No.
D) 4 WAY TERMINAL BLOCK - 1 No.
Max. TERMINALS CLIPON TYPE 2.5 Sq.mm x 8 Nos.

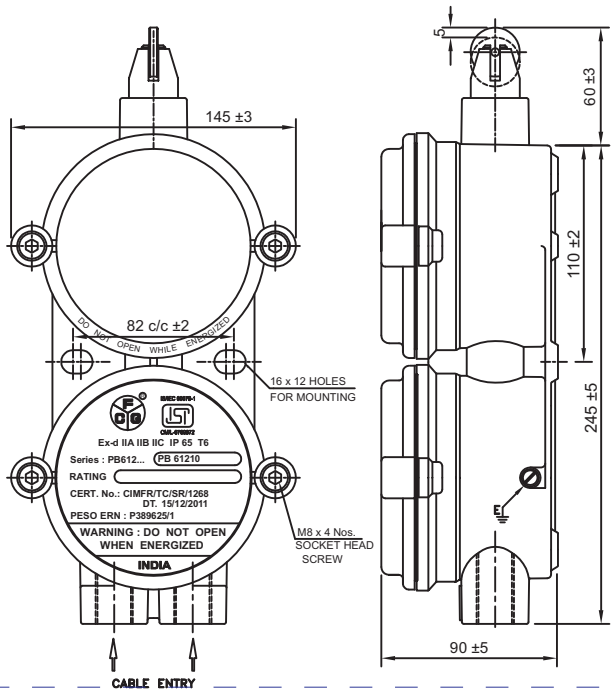
CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) PRESSURE DIE CAST ENCLOSURE





PB 61209



PB 61210

SINCE 1974

Flameproof & Weatherproof Rotary Selector Switch

Technical Data : IJ 61107

PROTECTION :
IP-66 AS PER IS/IEC 60529

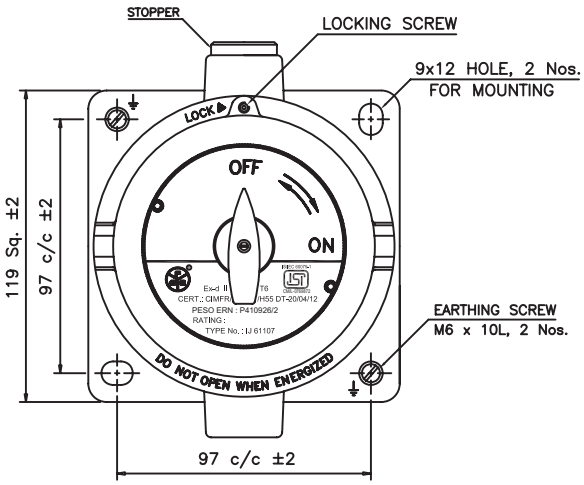
CERTIFICATION :
CIMFR/TC/SR/H55

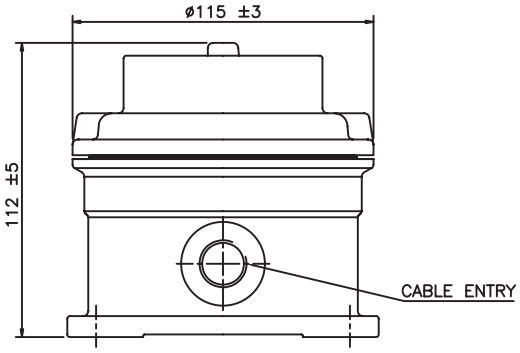
COMPONENTS :
UPTO 25A, 230V DP/SPN ON-OFF SWITCH - 1 No.

CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) PRESSURE DIE CAST ENCLOSURE







Flameproof & Weatherproof Fire Alarm Station

Technical Data : IJ 61109

PROTECTION :
IP-66 AS PER IS/IEC 60529

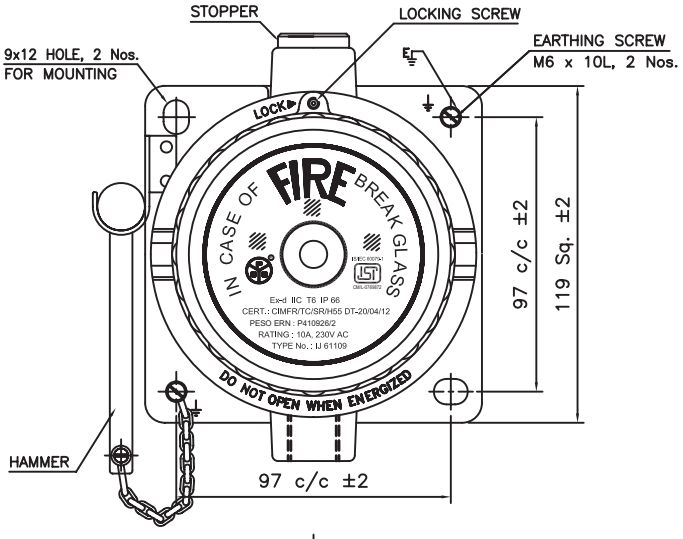
CERTIFICATION :
CIMFR/TC/SR/H55

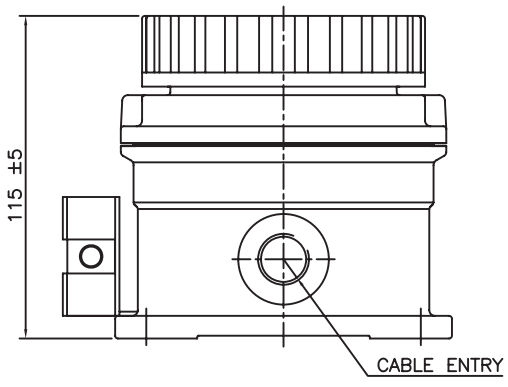
COMPONENTS :
A) CONTACT ELEMENT 10A, 415V AC
B) ACTUATOR, SPRING LOADED - 1 No.
C) BREAKABLE GLASS - 1 No.

CABLE ENTRY :
M20 x 01 No.

NOTE :
1) PRESSURE DIE CAST ENCLOSURE







SINCE 1974

Flameproof & Weatherproof Limit Switch With Top Push Roller

Technical Data : IJ 61110

PROTECTION :
IP-66 AS PER IS/IEC 60529

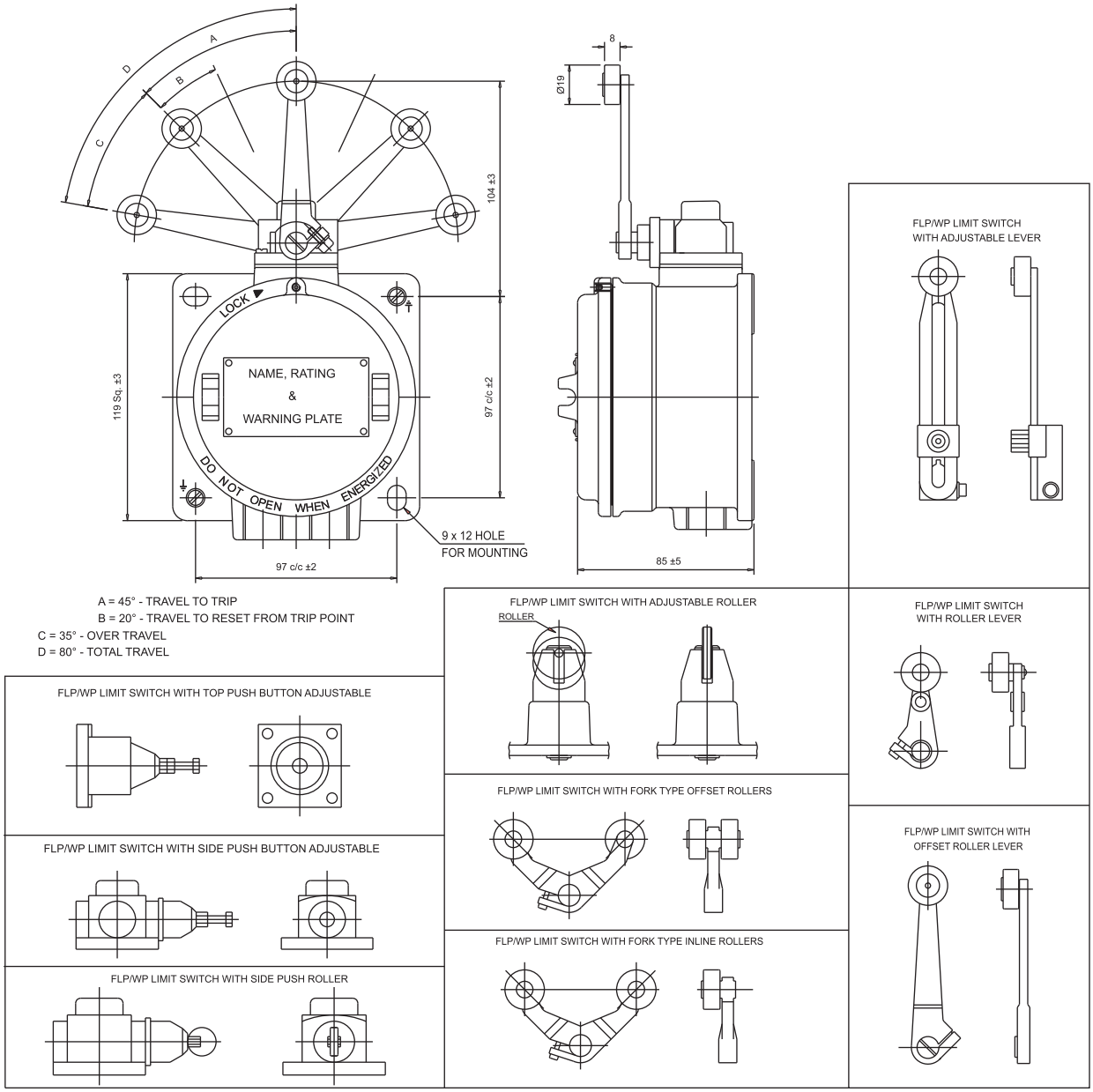
CERTIFICATION :
CIMFR/TC/SR/H55

COMPONENTS :
1) CONTACT ELEMENT 10A, 415V AC
2) ACTUATOR WITH (1NC + NO) CONTACT - 1 No

CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) AVAILABLE WITH 2NO+2NC CONTACT
2) PRESSURE DIE CAST ENCLOSURE





SINCE 1974

Flameproof & Weatherproof Local Control Station

Technical Data : LC 51...Series

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

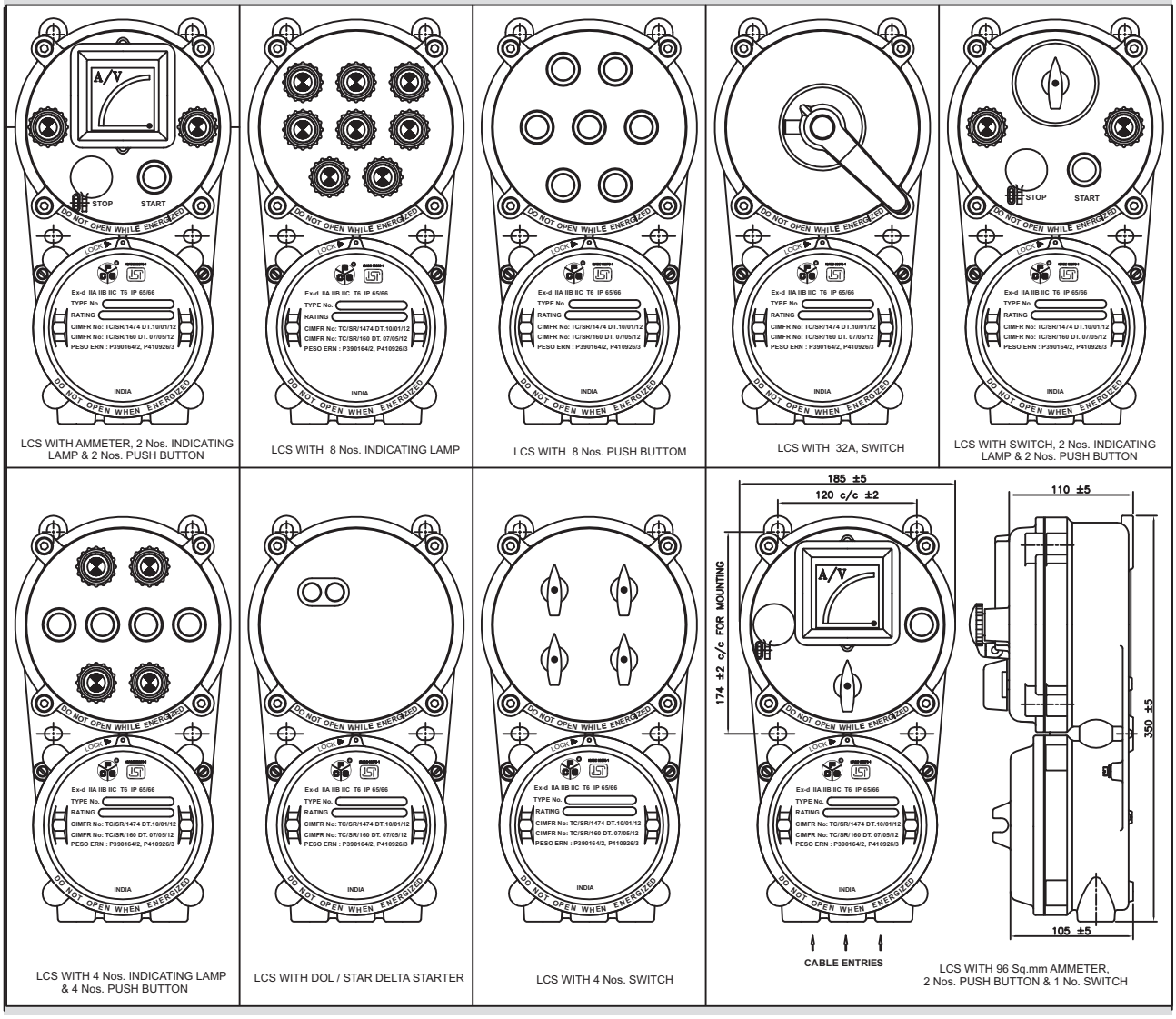
CERTIFICATION :
CIMFR/TC/SR/160

COMPONENTS :
A) AMMETER, 72 x 72 mm - 1 No.
B) CONTACT ELEMENT 10A, 415V AC OR 2A, 110V DC
C) STOP PUSH BUTTON RED MUSHROOM HEAD WITH PADLOCKING ARRANGEMENT WITH "1NC" CONTACT - 01 No.
D) START PUSH BUTTON GREEN SHROUDED WITH "1NO" CONTACT - 01 No.
E) 10A DP ON-OFF SELECTOR SWITCH - 1No.
F) TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 10 Nos. Max. TERMINALS 2.5 Sq.mm x 16 Nos.

CABLE ENTRY :
M20 x 03 Nos.

NOTE :
1) AVAILABLE WITH 2NO+2NC CONTACT (ON REQUEST)
2) PRESSURE DIE CAST ENCLOSURE





LCS WITH AMMETER, 2 Nos. INDICATING LAMP & 2 Nos. PUSH BUTTON

LCS WITH 8 Nos. INDICATING LAMP

LCS WITH 8 Nos. PUSH BUTTOM

LCS WITH 32A, SWITCH

LCS WITH SWITCH, 2 Nos. INDICATING LAMP & 2 Nos. PUSH BUTTON

LCS WITH 4 Nos. INDICATING LAMP & 4 Nos. PUSH BUTTON

LCS WITH DOL / STAR DELTA STARTER

LCS WITH 4 Nos. SWITCH

LCS WITH 96 Sq.mm AMMETER, 2 Nos. PUSH BUTTON & 1 No. SWITCH

SINCE 1974

Flameproof & Weatherproof Local Control Station

Technical Data : PA 61000

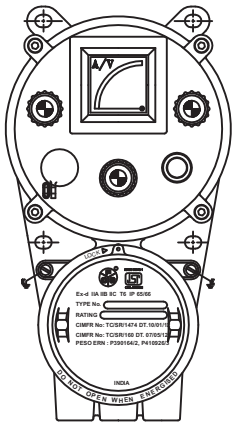
PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

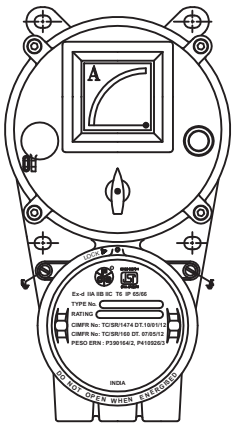
CERTIFICATION :
CIMFR/TC/SR/797
CIMFR/TC/SR/1474

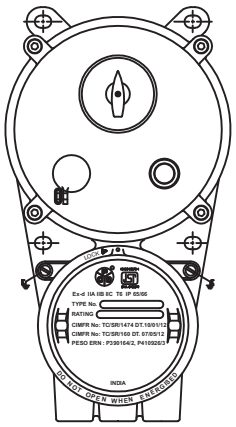
COMPONENTS :
A) AMMETER, 72 Sq.mm - 1 No.
B) CONTACT ELEMENT 10A, 415V AC OR 1A, 250V DC
C) STOP PUSH BUTTON RED MUSHROOM HEAD WITH PADLOCKING ARRANGEMENT WITH "1NC" CONTACT - 01 No.
D) START PUSH BUTTON GREEN SHROUDED WITH "1NO" CONTACT - 01 No.
E) 25A DP ON-OFF SELECTOR SWITCH - 1No.
F) TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 10 Nos. Max. TERMINALS 2.5 Sq.mm x 16 Nos.

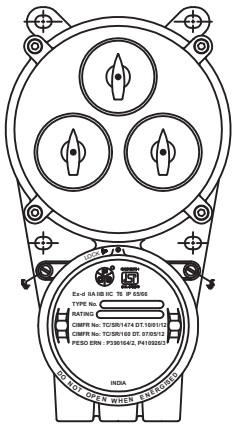
CABLE ENTRY :
M20 x 03 Nos.

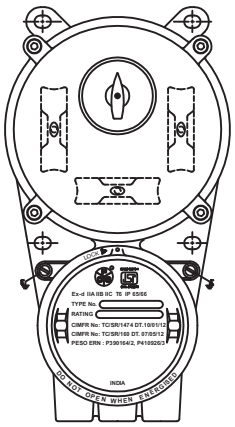


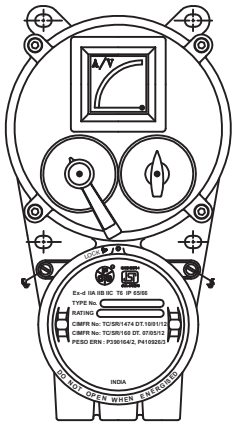

LCS WITH AMMETER, 3Nos. INDICATING LAMP & 2 Nos. PUSH BUTTON

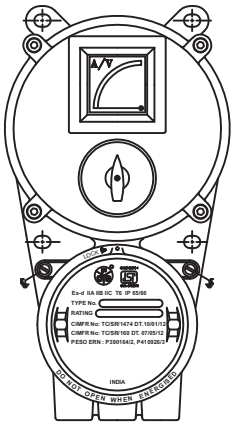

LCS WITH 96 Sq.mm AMMETER, 1 No. SWITCH & 2 No. PUSH BUTTON

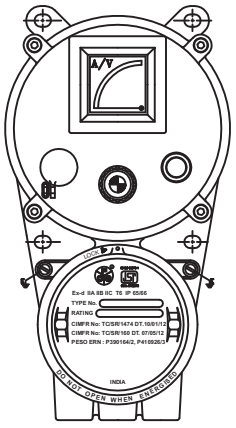

LCS WITH 1 No. SWITCH & 2 No. PUSH BUTTON

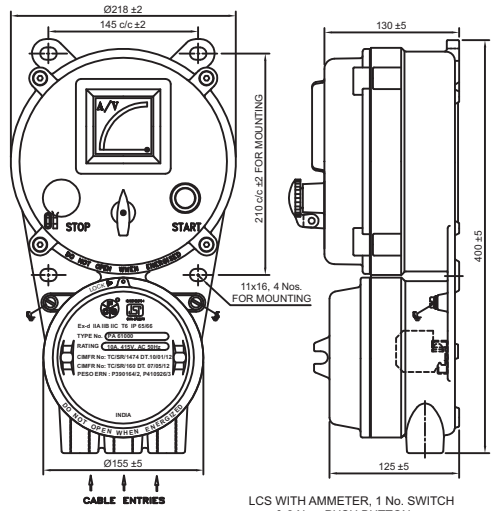

LCS WITH 3 Nos. SWITCH


LCS WITH 1 No. SWITCH & 3 Nos. FUSE


LCS WITH AMMETER, & 2 Nos. SWITCH


LCS WITH AMMETER, & 1 No. SWITCH


LCS WITH AMMETER, 1 No. INDICATING LAMP & 2 Nos. PUSH BUTTON



LCS WITH AMMETER, 1 No. SWITCH & 2 Nos. PUSH BUTTON

SINCE 1974

Flameproof & Weatherproof Local Control Station

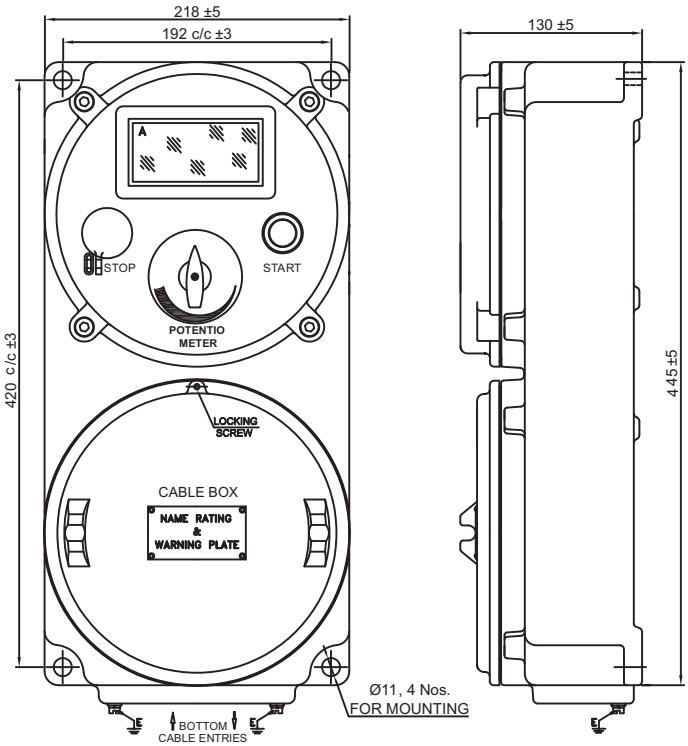
Technical Data : IJ 61204T

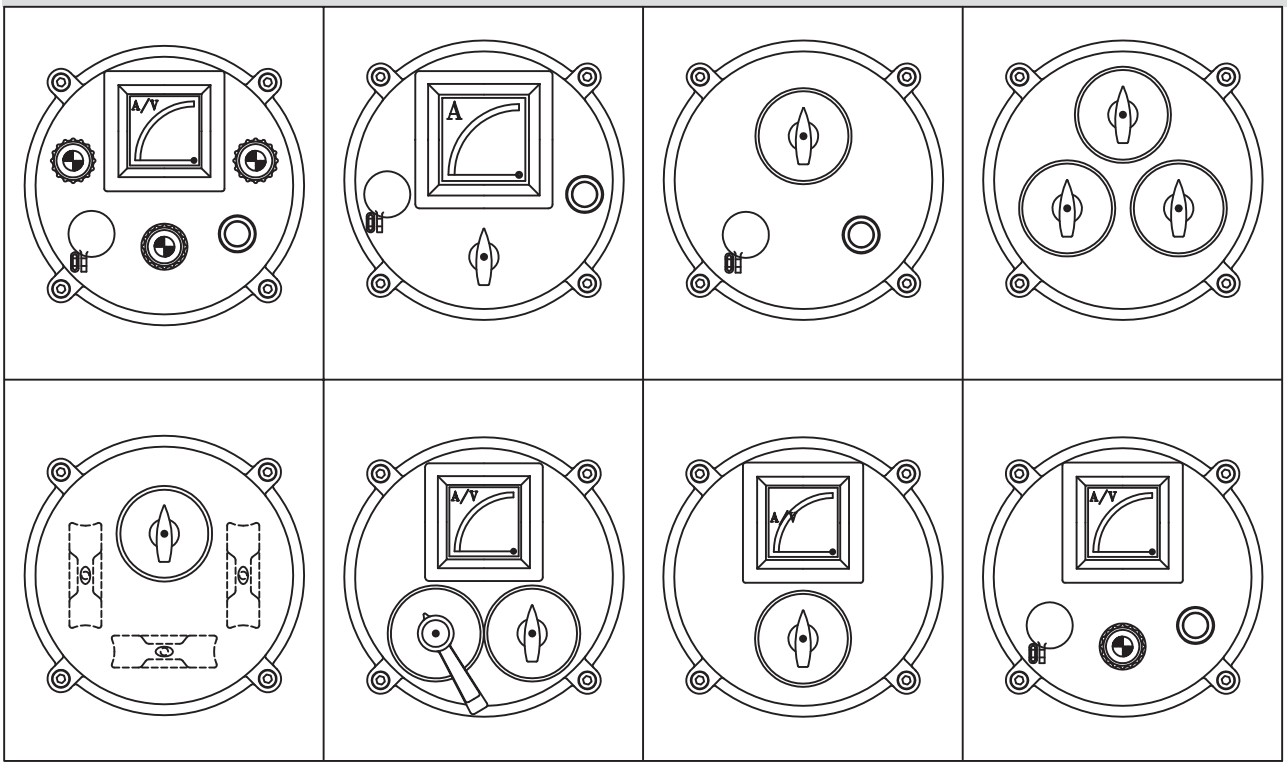
PROTECTION :
IP-66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/1346

COMPONENTS :
A) CLIPON TYPE RAIL MOUNTED,2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 08 Nos.





SINCE 1974

Flameproof & Weatherproof Switch Socket Combined

Technical Data : PB 61254

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

COMPONENTS :
A) SWITCH 25/32A, DP 415V - 1 No.
B) MATCHING PLUG & SOCKET - 1 No.
C) 4 WAY TERMINAL BLOCK - 1 No.

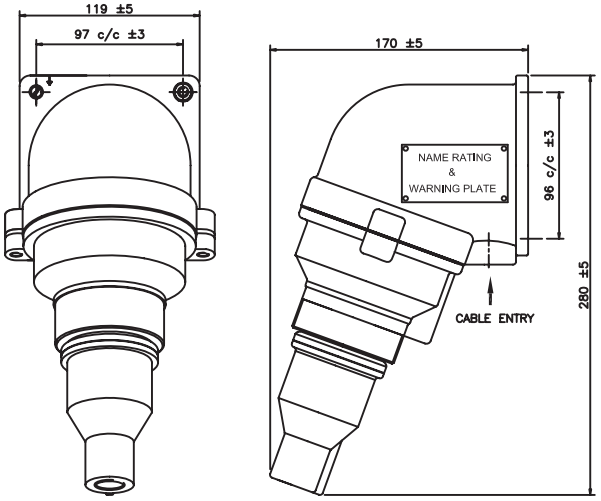
SPECIAL FEATURES :
THIS UNIT IS FOOLPROOF INTERLOCKED.
SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

CABLE ENTRY :
M20 x 02 Nos.

NOTE :
1) PRESSURE DIE CAST ENCLOSURE

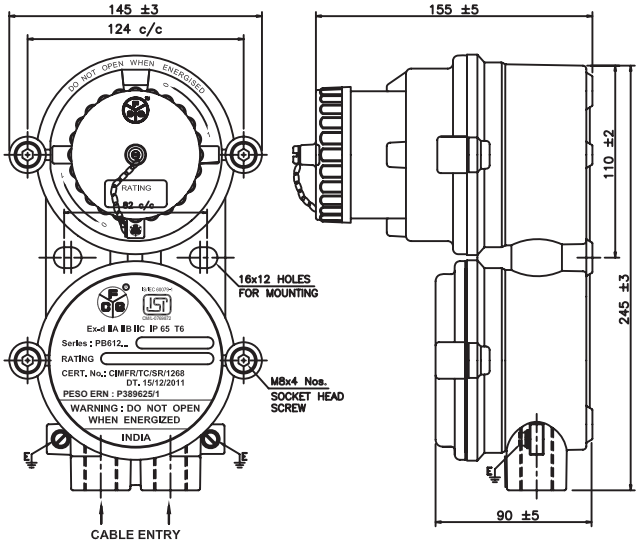


IJ 61254
CERTIFICATION : CIMFR/TC/P/332



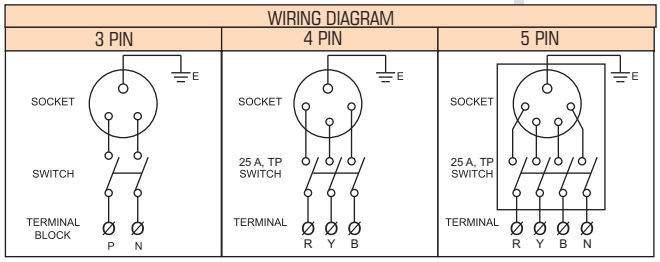
DIRECT ENTRY

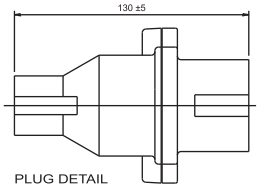
PB 61254



IN-DIRECT ENTRY

WIRING DIAGRAM





SINCE 1974

Flameproof & Weatherproof Switch Socket Combined

Technical Data : LC 51...Series

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

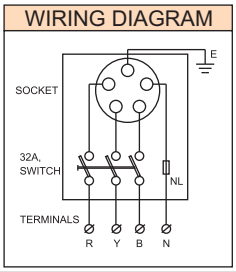
CERTIFICATION :
CIMFR/TC/SR/160

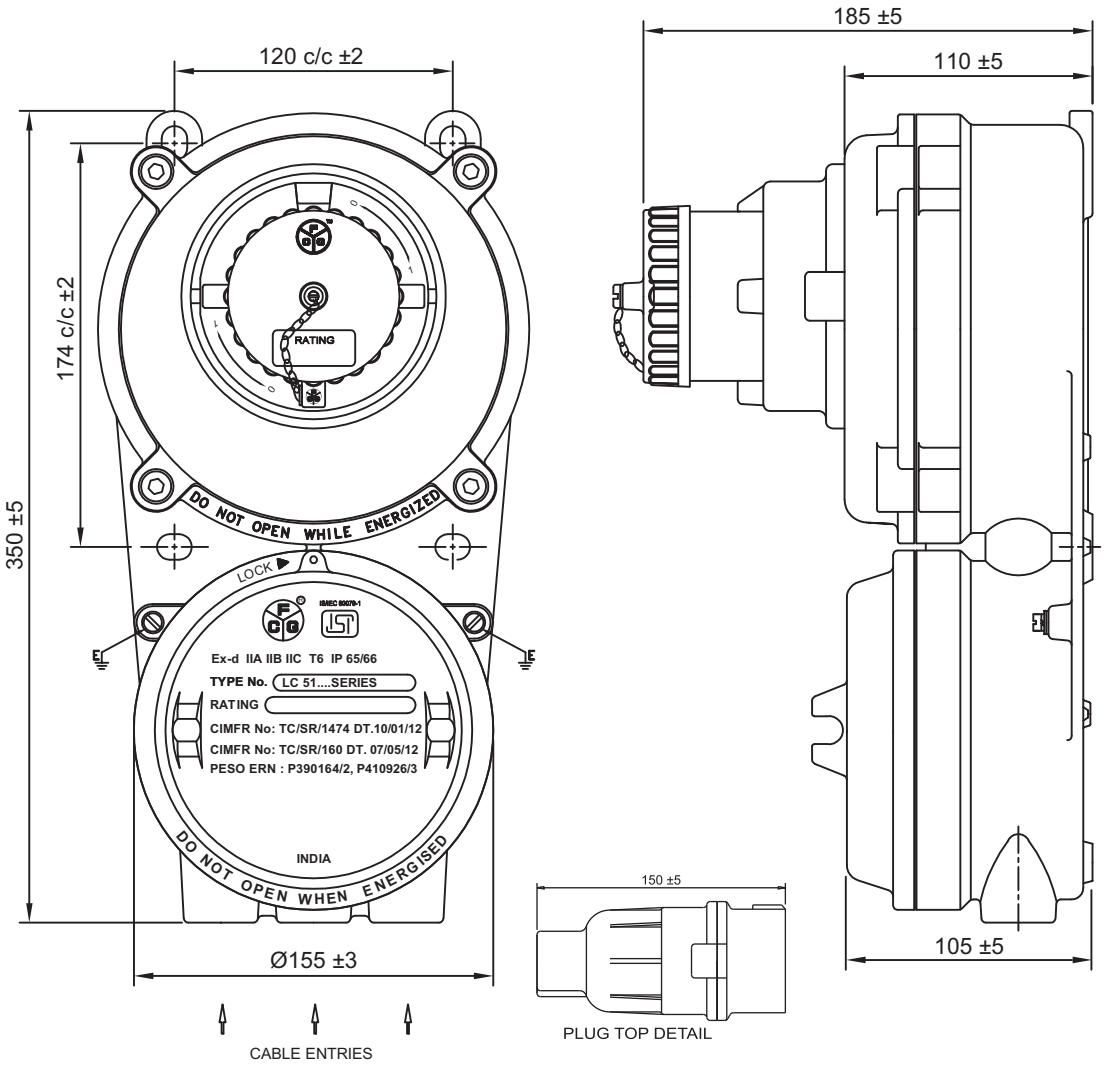
COMPONENTS :
A) SWITCH 32A, 415V, AC - 1 No.
B) MATCHING PLUG (3P+N+E) - 1 No.
C) SOCKET (3P+N+E) - 1 No.
D) TERMINALS, RAIL MOUNTED CLIPON TYPE 6 Sq.mm x 4 Nos.

SPECIAL FEATURES :
THIS UNIT IS FOOLPROOF INTERLOCKED.
SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

CABLE ENTRY :
M25 x 03 Nos.







SINCE 1974

Flameproof & Weatherproof Switch Socket with Transformer

Technical Data : PA 61000

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

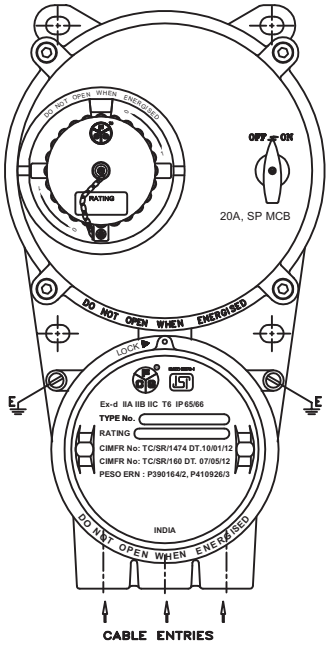
CERTIFICATION :
CIMFR/TC/SR/797
CIMFR/TC/SR/1474

COMPONENTS :
A) 16A, DP 230V, AC SWITCH - 1 No (Max 32A).
B) MATCHING PLUG & SOCKET 3 PIN- 1 No.
C) TRANSFORMER 100VA 240V / 24V 100VA - 1 No.
D) HRC FUSE - 4 Nos.
E) TERMINALS, CLIPON TYPE RAIL MOUNTED
2.5 Sq.mm. x 2 Nos (Max 16 Nos).

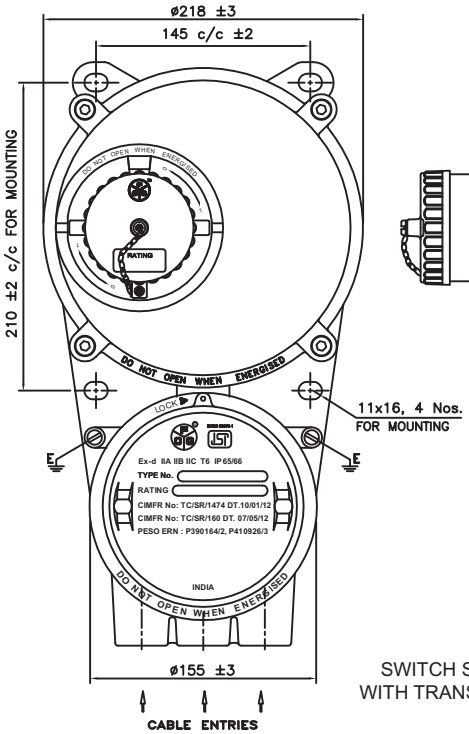
SPECIAL FEATURES :
THIS UNIT IS FOOLPROOF INTERLOCKED.
SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

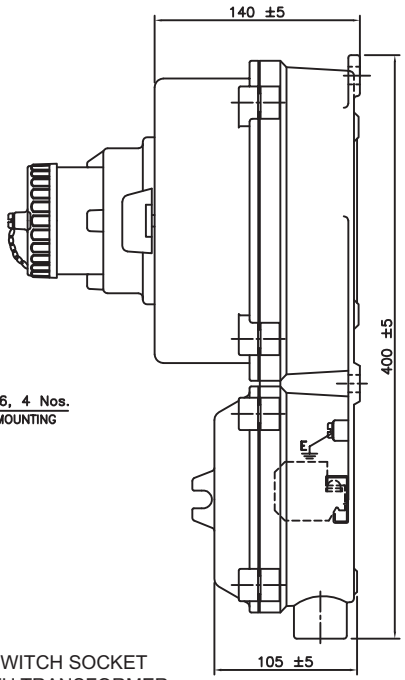
CABLE ENTRY :
M20 x 03 Nos.



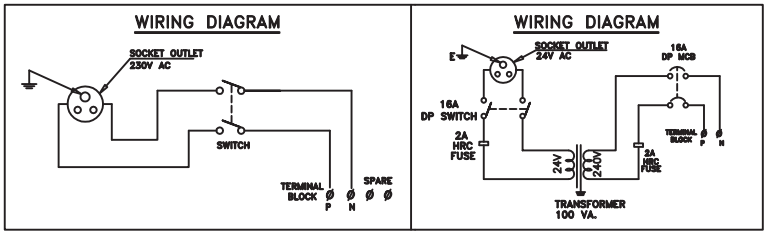


SWITCH SOCKET
WITH MCB

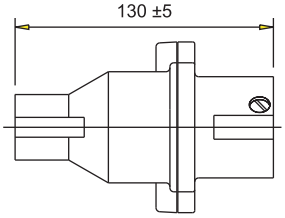




SWITCH SOCKET
WITH TRANSFORMER



PLUG DETAIL



CIMFR / PESO / BIS

SINCE 1974

Flameproof & Weatherproof Switch Socket Combined

Technical Data : RS 61635

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

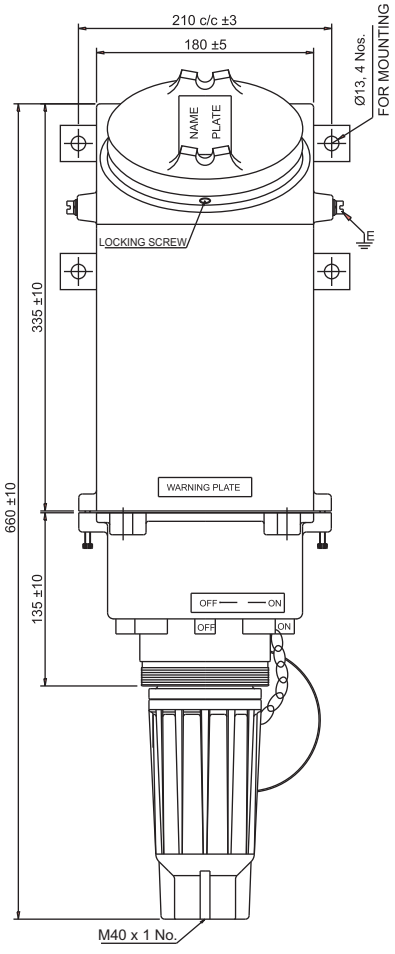
CERTIFICATION :
CIMFR/TC/SR/1181
CIMFR/TC/S/224

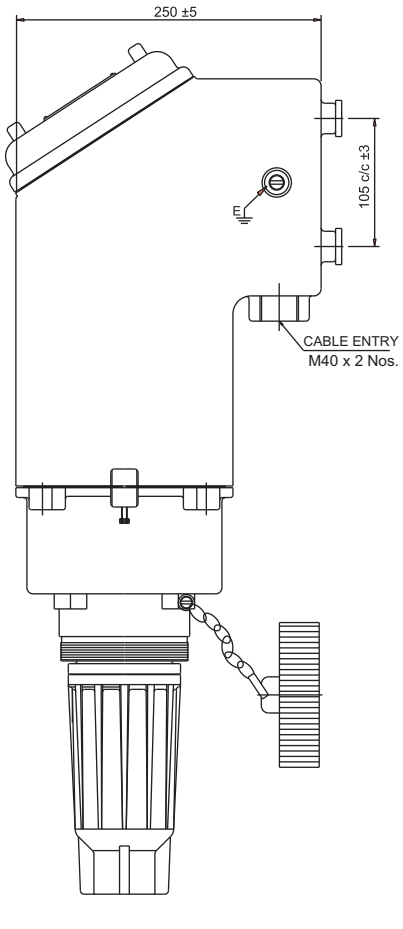
COMPONENTS :
A) SWITCH , 63A, 4P, UPTO 550V - 1 No.
B) MATCHING PLUG & SOCKET(3P+N+E) -1No.
C) TERMINALS, STUD TYPE - 4 Nos.

SPECIAL FEATURES :
THIS UNIT IS FOOLPROOF INTERLOCKED.
SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

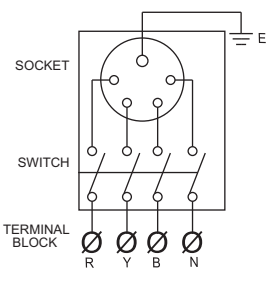
CABLE ENTRY :
M40 x 02 Nos. (FOR SOCKET)
M40 x 01 No. (FOR PLUG TOP)







WIRING DIAGRAM



SINCE 1974

FLP/WP Multi-way Switch Socket with Max. 8 outlets

Technical Data : FCG/DB/351

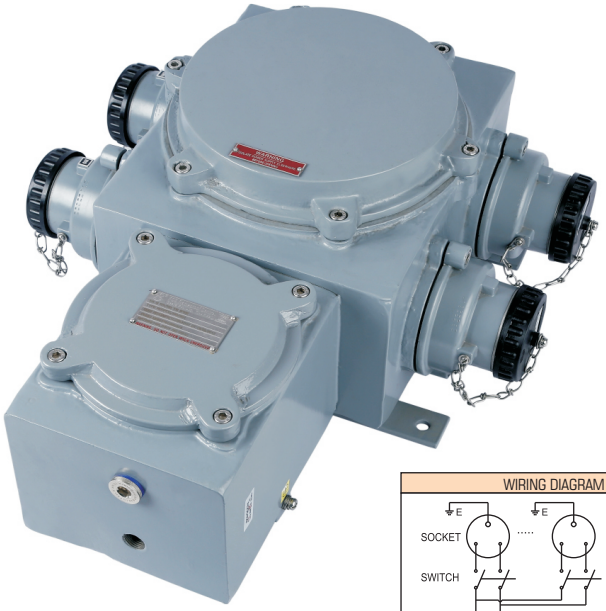
PROTECTION :
IP-66 AS PER IS/IEC 60529

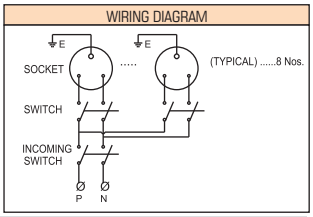
CERTIFICATION :
CIMFR/TC/SR/H107

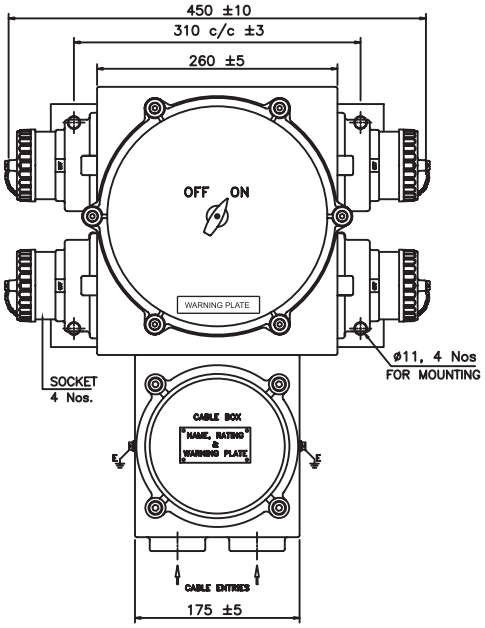
COMPONENTS :
A) INCOMING SWITCH/MCB - 1 No. (Max. 63A)
B) SOCKET OUTLET - 8 Nos. (Max. 32A)
C) MATCHING PLUG - 8 Nos.
D) TERMINALS STUD TYPE - 4 Nos.

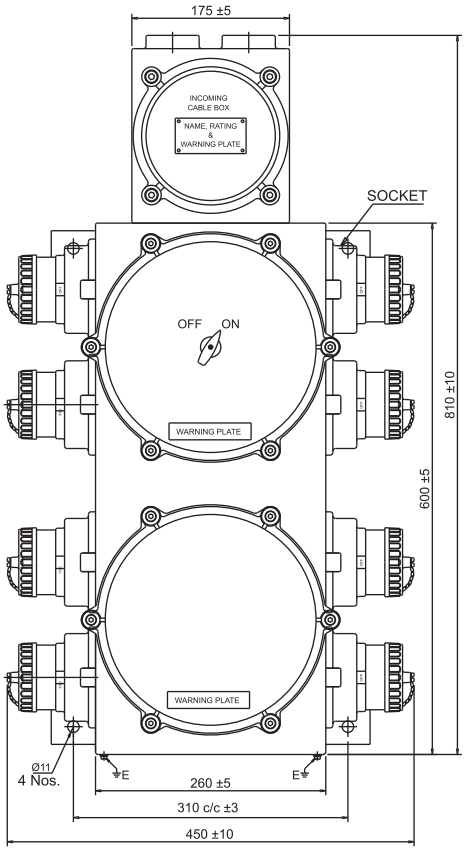
SPECIAL FEATURES :
THIS UNIT IS FOOLPROOF INTERLOCKED.
SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

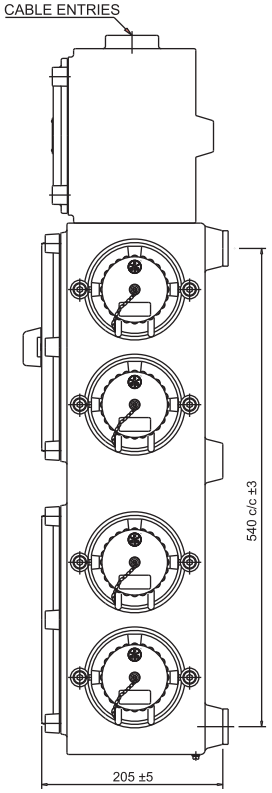
CABLE ENTRY :
M32 x 02 Nos.

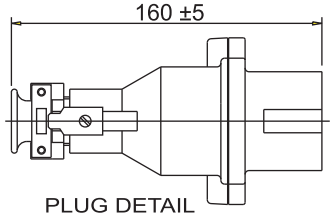












SINCE 1974

Flameproof & Weatherproof Switch Fuse Unit

Technical Data : IJ 61204T

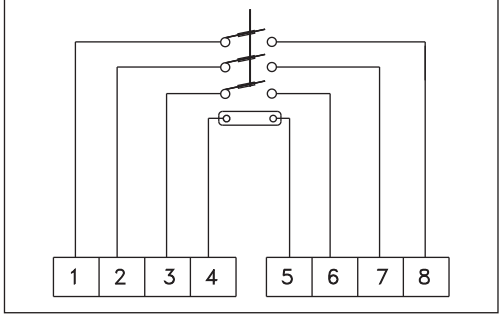
PROTECTION :
IP-66 AS PER IS/IEC 60529

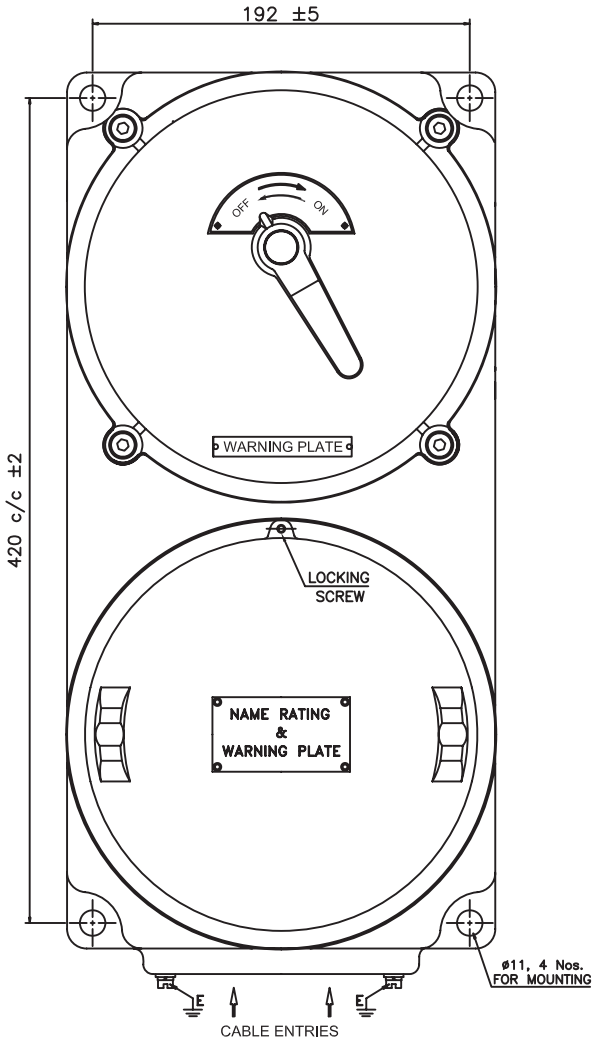
CERTIFICATION :
CIMFR/TC/SR/1346

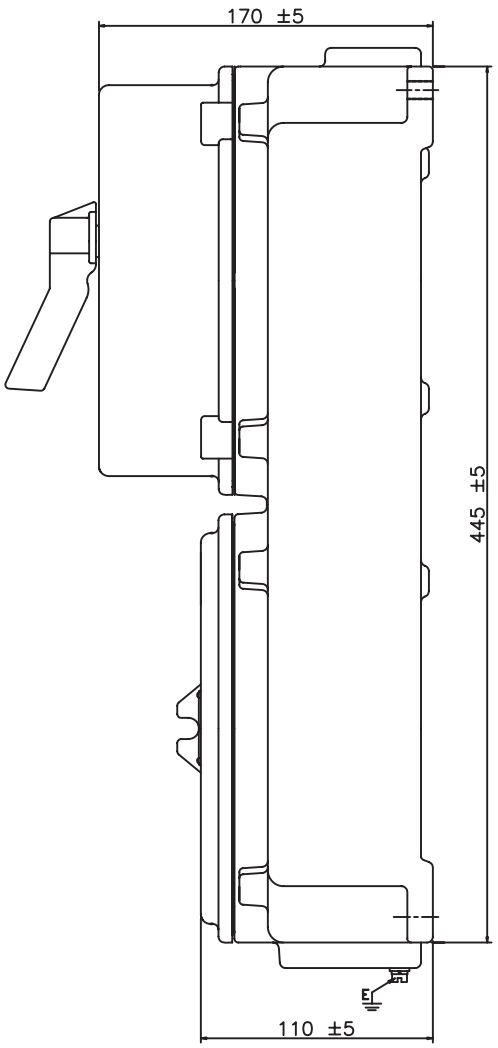
COMPONENTS :
A) SWITCH FUSE UNIT 63A, TPN 415V - 1 No.
B) CLIPON TYPE RAIL MOUNTED,16 Sq.mm x 8 Nos.

CABLE ENTRY :
M32 x 02 Nos.

WIRING DIAGRAM







SINCE 1974

Flameproof & Weatherproof Switch Fuse Unit Rated 125A

Technical Data : DB 31340

PROTECTION :
IP-65/66, AS PER IS/IEC 60529

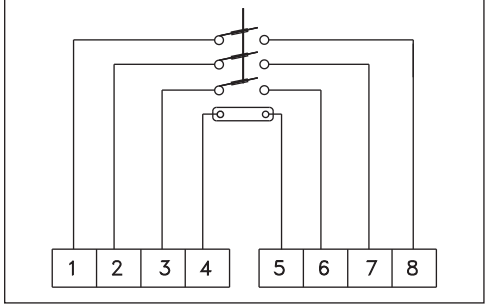
CERTIFICATION :
CIMFR/TC/SR/H54

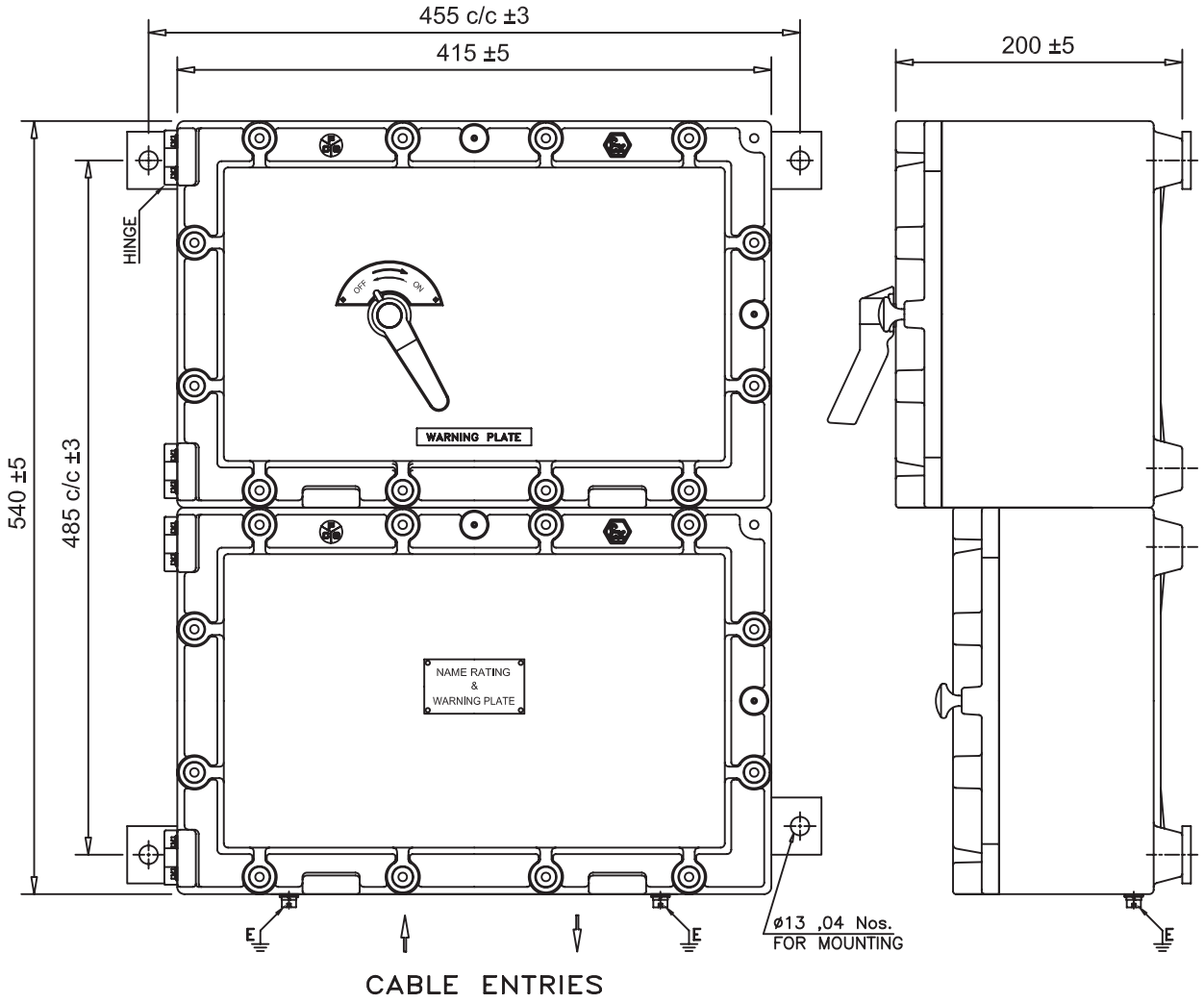
COMPONENTS :
A) SWITCH FUSE UNIT 100/125A, 415V - 1 No.
B) CLIPON TYPE RAIL MOUNTED 50 Sq.mm x 8 Nos.

CABLE ENTRY :
M40 x 02 Nos.

NOTE :
1) RATING UPTO 400A, AS ON REQUEST
2) AVAILABLE FOR **GAS Gr. IIA, IIB & IIB+H2** APPLICATION ONLY.

WIRING DIAGRAM





SINCE 1974

Flameproof & Weatherproof Dol Starter Upto 15 Hp & Starter Upto 10 HP With Isolator

Technical Data : PA 61000

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/SR/797
CIMFR/TC/SR/1474

COMPONENTS :
A) CONTACT ELEMENT 10A, 415V AC
B) STOP PUSH BUTTON RED MUSHROOM HEAD WITH PADLOCKING ARRANGEMENT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED - 1 No.
D) CONTACTOR - 1 No.
E) THERMAL OVER LOAD RELAY - 1 No.
F) TERMINALS, CLIPON TYPE RAIL MOUNTED - 6 Nos.

CABLE ENTRY :
M20 x 03 Nos.

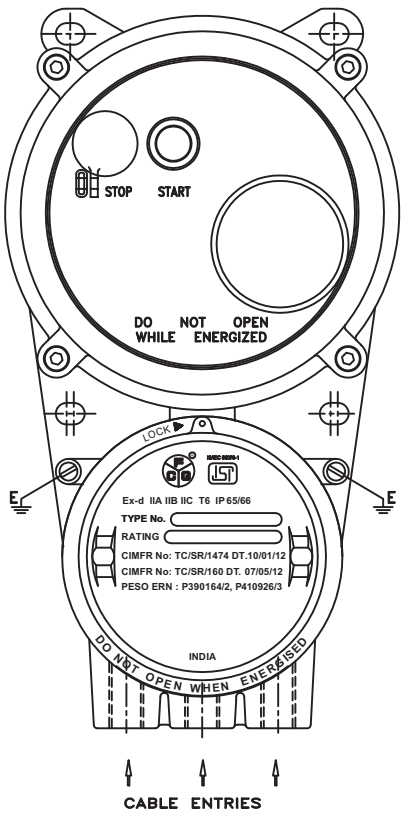


WIRING DIAGRAM

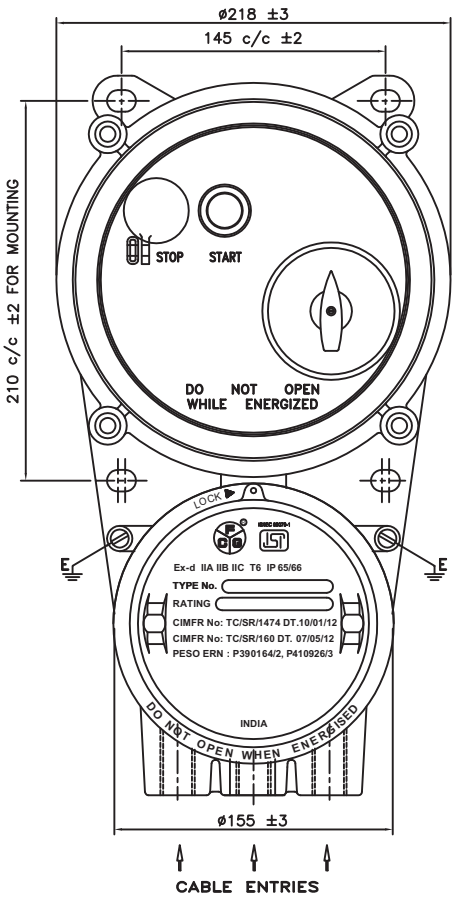
R	Y	B	R1	Y1	B1
1	2	3	4	5	6

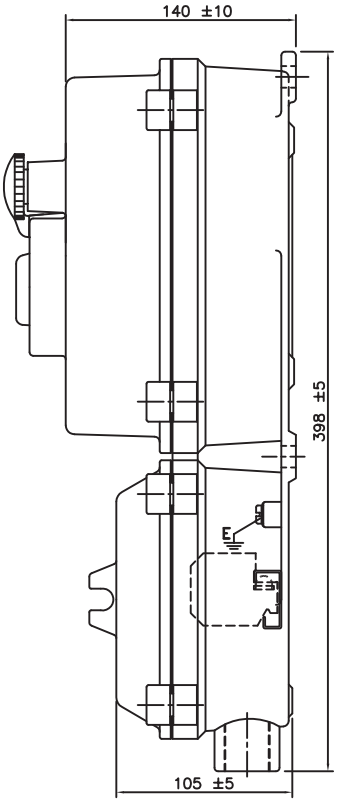
LINE LOAD

WITHOUT ISOLATOR



WITH ISOLATOR





SINCE 1974

Flameproof & Weatherproof Distribution Boards

PROTECTION :
IP-65 / IP-66 AS PER IS/IEC 60529

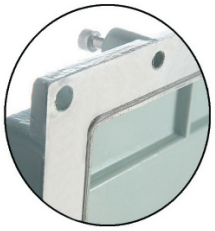
CERTIFICATION :
CIMFR/TC/SR/H54
CIMFR/TC/SR/97

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EAPOXY PAINTED / SS / AL. / FRP
2) CABLE GLAND AND STOPPER
3) PAINT SHADE AS PER CUSTOMER REQUIREMENT.
4) CABLE ENTRY THREAD OTHER THEN METRIC
5) MOUNTING BRACKET / PEDESTAL

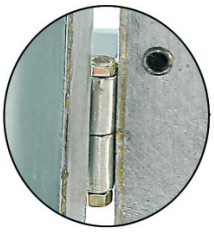
NOTE :
1) AVAILABLE FOR **GAS Gr. IIA, IIB & IIB+H2** APPLICATION ONLY.







'O' ring Gasket



Hinge arrangement

SINCE 1974

Flameproof & Weatherproof 6 Way Distribution Board

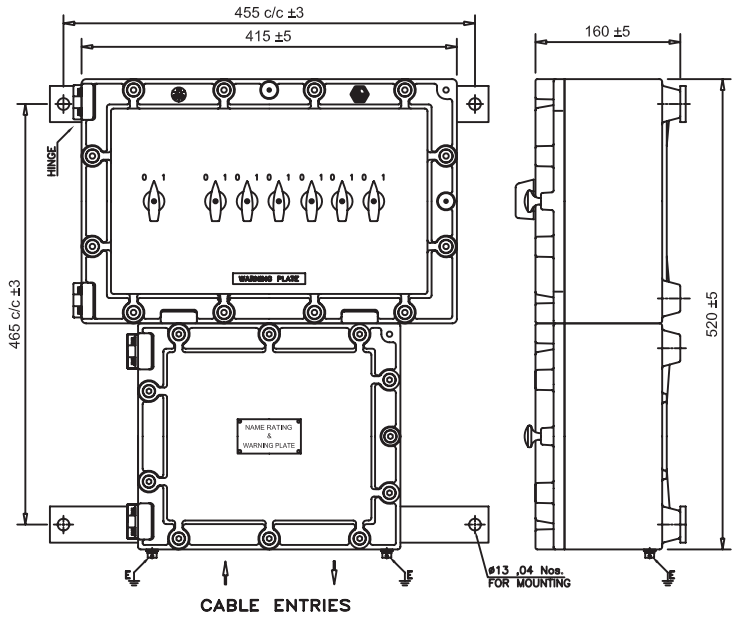
Technical Data : DB 31340

COMPONENTS :
INCOMING :
1) 63A, 4P, MCB/RCCB/ISOLATOR - 1 No.
2) CLIPON TYPE RAIL MOUNTED TERMINALS 35/50 Sq.mm

OUTGOING :
1) 25A, SP/DP, MCB - 6 Nos.
2) CLIPON TYPE RAIL MOUNTED TERMINALS
4 Sq.mm x 12 Nos.

CABLE ENTRY :
INCOMING : M32 x 1 No
OUT GOING : M20 x 6 Nos.

NOTE :
1) AVAILABLE FOR **GAS Gr. IIA, IIB & IIB+H2** APPLICATION ONLY.



Flameproof & Weatherproof 12 Way Distribution Board

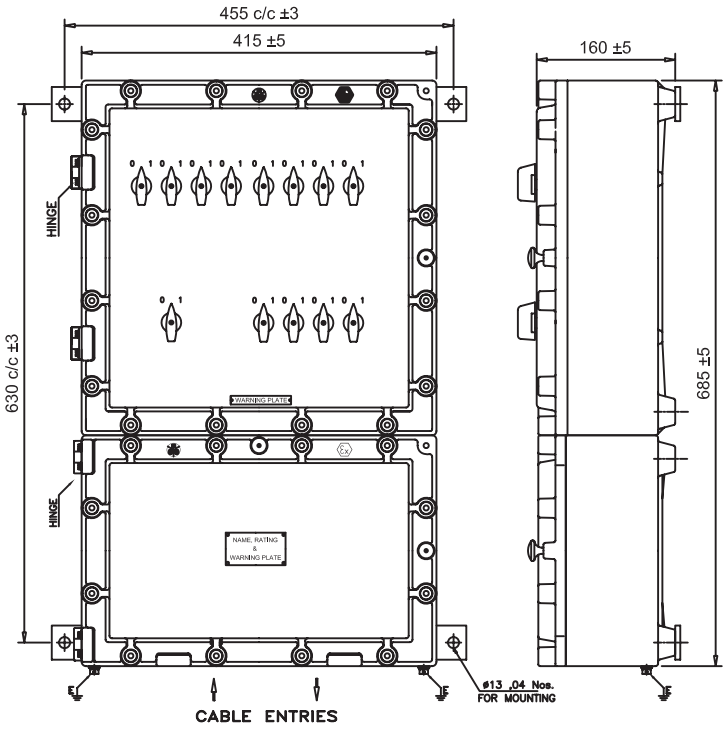
Technical Data : DB 31340

COMPONENTS :
INCOMING :
1) 63A, 4P, MCB/RCCB/ISOLATOR - 1 No.
2) CLIPON TYPE RAIL MOUNTED TERMINALS 35/50 Sq.mm

OUTGOING :
1) 25A, SP/DP, MCB - 12 Nos.
2) CLIPON TYPE RAIL MOUNTED TERMINALS
4 Sq.mm x 24 Nos.

CABLE ENTRY :
INCOMING : M32 x 1 No.
OUT GOING : M20 x 12 Nos.

NOTE :
1) AVAILABLE FOR **GAS Gr. IIA / IIB / IIB+H2** APPLICATION ONLY.



SINCE 1974

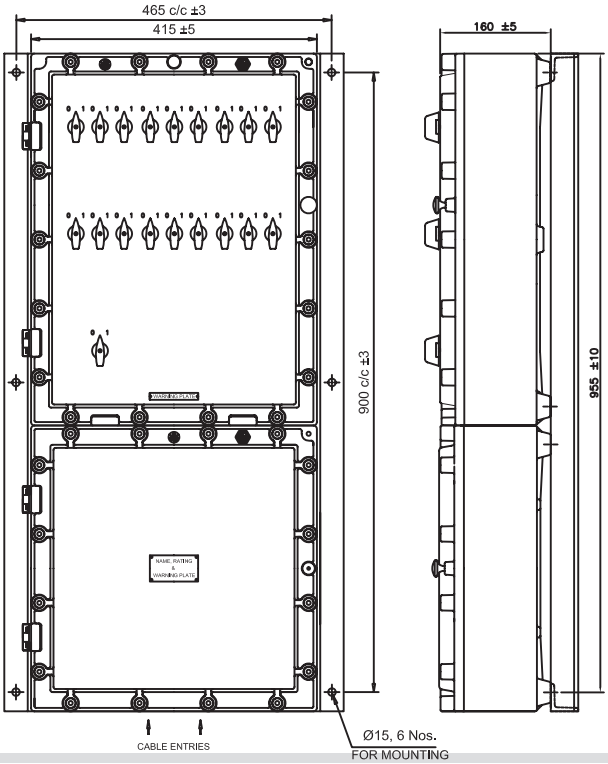
Flameproof & Weatherproof 18 Way Distribution Board

Technical Data : DB 31340...SERIES

COMPONENTS :
INCOMING :
1) 63A, 4P, MCB/RCCB/RCBO/ISOLATOR - 1 No.
2) CLIPON TYPE RAIL MOUNTED TERMINALS 35/50 Sq.mm
OUTGOING :
1) 25A, SP/DP, MCB - 18 Nos.
2) CLIPON TYPE RAIL MOUNTED TERMINALS
4 Sq.mm x 36 Nos.

CABLE ENTRY :
INCOMING : M32 x 1 No.
OUT GOING : M20 x 18 Nos.

NOTE :
1) AVAILABLE FOR **GAS Gr. IIA, IIB & IIB+H2**
APPLICATION ONLY.



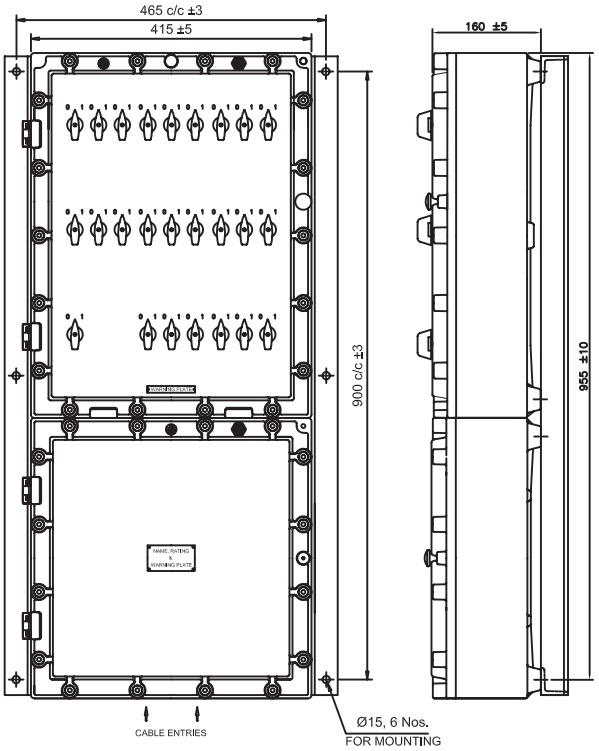
Flameproof & Weatherproof 24 Way Distribution Board

Technical Data : DB 31340...SERIES

COMPONENTS :
INCOMING :
1) 63A, 4P, MCB/RCCB/RCBO/ISOLATOR - 1 No.
2) CLIPON TYPE RAIL MOUNTED TERMINALS 35/50 Sq.mm
OUTGOING :
1) 25A, SP/DP, MCB - 24 Nos.
2) CLIPON TYPE RAIL MOUNTED TERMINALS
4 Sq.mm x 48 Nos.

CABLE ENTRY :
INCOMING : M32 x 1 No.
OUT GOING : M20 x 24 Nos.

NOTE :
1) AVAILABLE FOR **GAS Gr. IIA / IIB / IIB+H2**
APPLICATION ONLY.



SINCE 1974

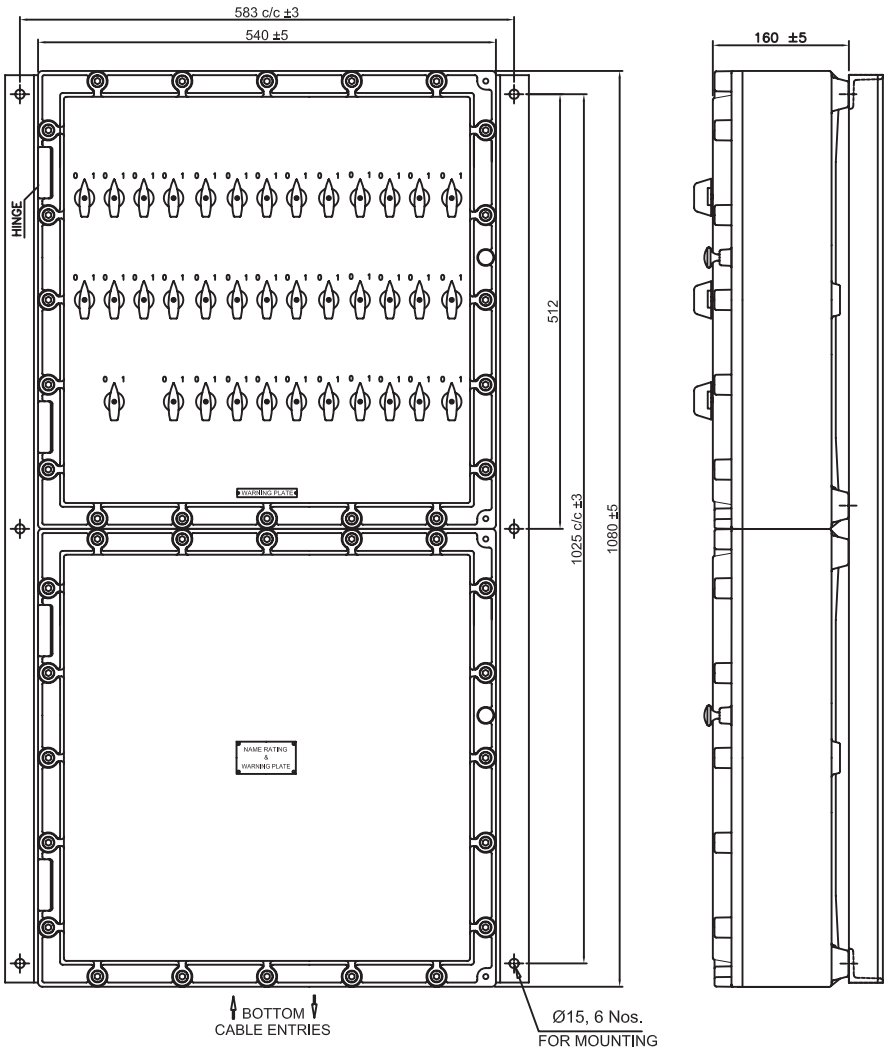
Flameproof & Weatherproof 36 Way Distribution Board

Technical Data : DB 31340ABS

COMPONENTS :
INCOMING :
1) 63A, 4P, MCB/RCCB/RCBO/ISOLATOR - 1 No.
2) CLIPON TYPE RAIL MOUNTED TERMINALS 35/50 Sq.mm
OUTGOING :
1) 25A, SP/DP, MCB - 36 Nos.
2) CLIPON TYPE RAIL MOUNTED TERMINALS
4 Sq.mm x 72 Nos.

CABLE ENTRY :
INCOMING : M32 x 1 No.
OUT GOING : M20 x 36 Nos.

NOTE :
1)AVAILABLE FOR **GAS Gr. IIA, IIB & IIB+H2** APPLICATION ONLY.



SINCE 1974

Ex'ed' Push Button Station

Technical Data : P GR C 12 12 09

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H533
CMRI/TC/P/H607

MATERIAL OF CONSTRUCTION :
FIBER GLASS REINFORCED POLYESTER

COMPONENTS :
1) Exd IIC ELEMENT, 5A 230V AC - 2 Nos.
2) Ex CERTIFIED TERMINALS - 4 Nos.
Max. TERMINALS - 10 Nos.

FINISH :
BLACK

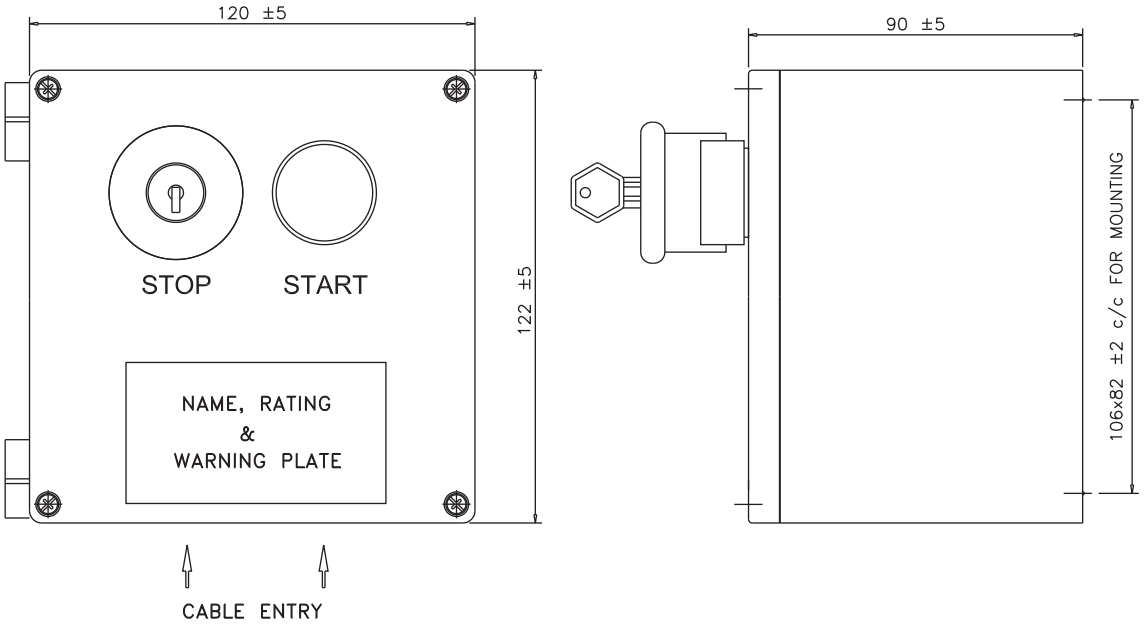
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE

CABLE ENTRY :
M20 x 02 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EPOXY PAINTED/S.S./AL./FRP.
2) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)





Ex'ed' Local Control Station

Technical Data : P GR C 16 26 09

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H533
CMRI/TC/P/H126

MATERIAL OF CONSTRUCTION :
FIBER GLASS REINFORCED POLYESTER

COMPONENTS :
1) Exd IIC SWITCH, UPTO 32A 415V AC - 1 No.
2) Ex CERTIFIED TERMINALS - 8 Nos.
Max. TERMINALS - 15 Nos.

FINISH :
BLACK

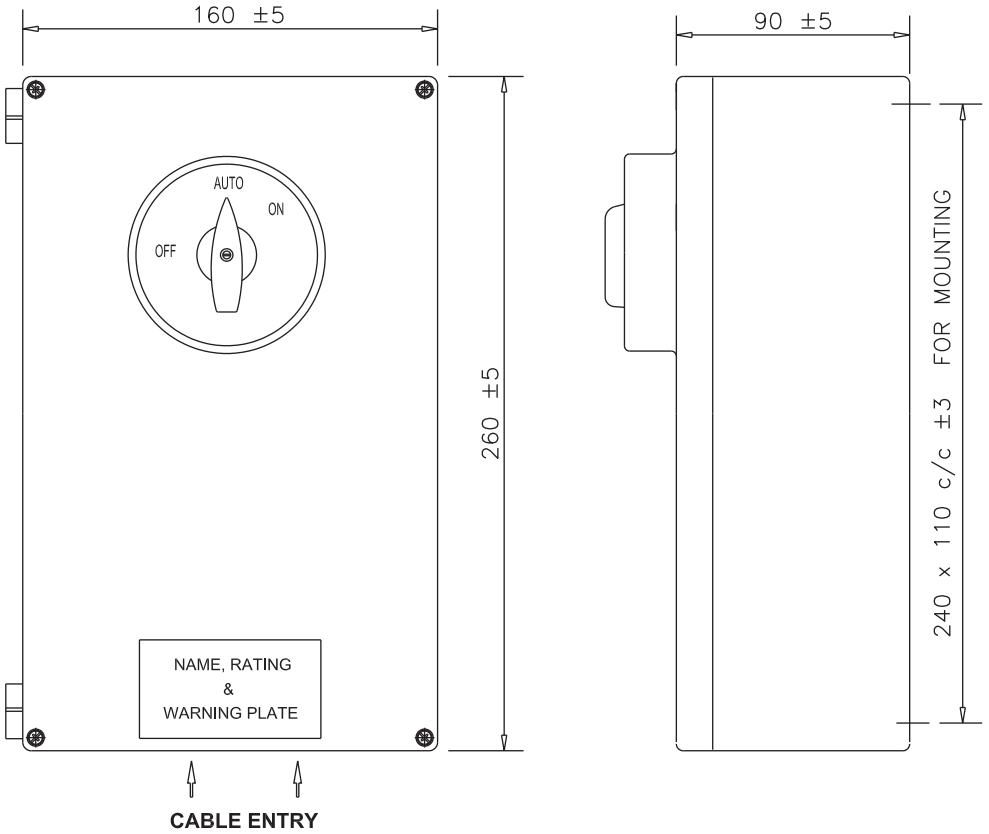
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE

CABLE ENTRY :
M20 x 02 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EPOXY PAINTED/S.S./AL./FRP.
2) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)





SINCE 1974

Ex'ed' Local Control Station With Ammeter, Switch & 3 Nos. Indicating Lamp

Technical Data : P GR C 25 25 12

PROTECTION :
IP-65/66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H533 CMRI/TC/P/H126
CIMFR/TC/P/H479 CIMFR/TC/P/H740

MATERIAL OF CONSTRUCTION :
FIBER GLASS REINFORCED POLYESTER

COMPONENTS :
1) Exd IIC SWITCH, UPTO 32A 415V AC - 1 No.
2) Exd IIC INDICATING LAMP - 3 Nos.
3) Exe AMMETER, 72 Sq.mm - 1 No.
4) Ex CERTIFIED TERMINALS - 12 Nos.
Max. TERMINALS - 20 Nos.

FINISH :
BLACK

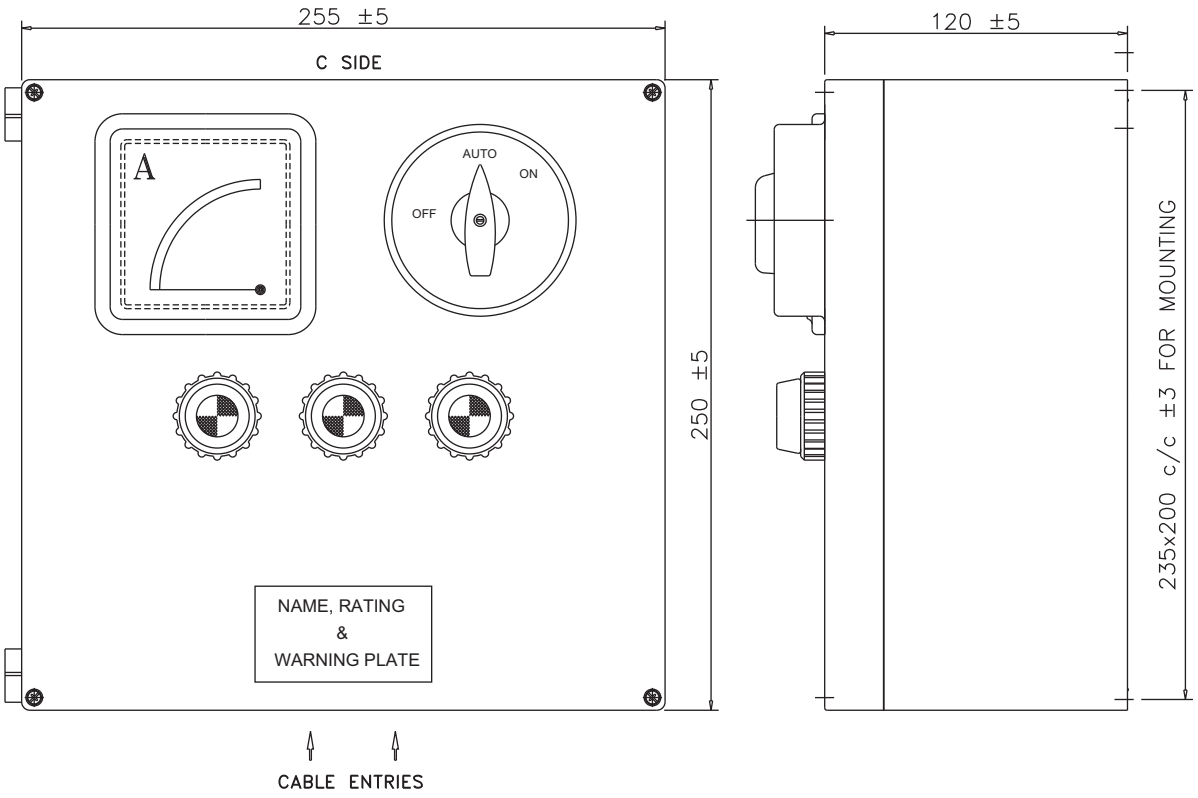
HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE

CABLE ENTRY :
M20 x 03 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EPOXY PAINTED/S.S./AL./FRP.
2) DOUBLE COMPRESSION CABLE GLAND AND STOPPER





SINCE 1974

Industrial Weatherproof Local Control Station / Switch Socket

General Technical Data

ENCLOSURE :
WEATHERPROOF SUITABLE FOR INSTALLATION IN SAFE AREA

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

PROTECTION CLASSIFICATION :
IP-65 AS PER IS/IEC 60529

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

HARDWARE :
STAINLESS STEEL

EARTHING :
1 No. INSIDE

MOUNTING :
WALL / STRUCTURE

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY, M.S. EPOXY PAINTED/S.S./AL./FRP.
2) CABLE GLAND & STOPPING PLUG
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS.
4) MOUNTING BRACKET (S.S./FRP) - 4 Nos.
5) ADDITIONAL CABLE ENTRY.







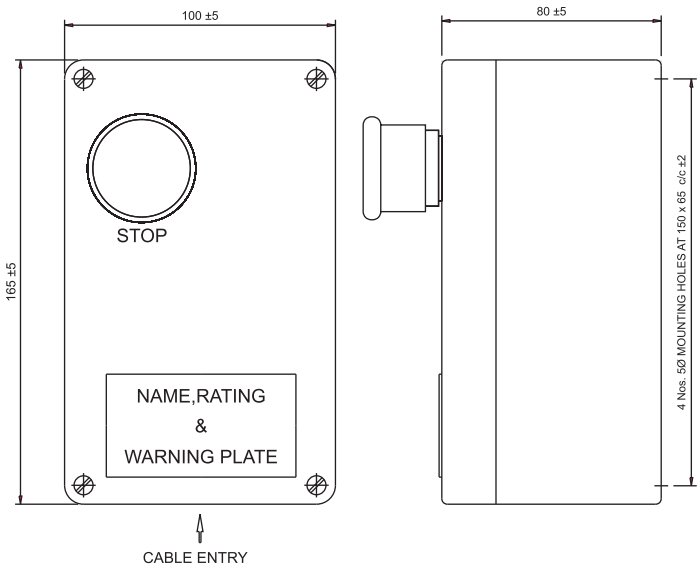
Weatherproof Only Stop Push Button Station

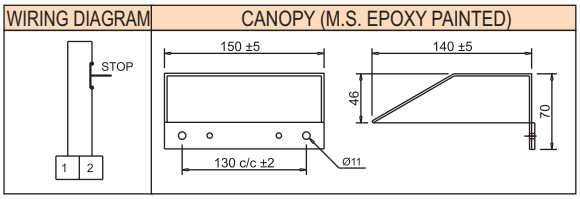
Technical Data : WLC 10 16 801

CERTIFICATION :
CIMFR/TC/P/H734.

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH 1NC / 2NC CONTACT - 1 No.
C) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 2 Nos.
Max. TERMINALS 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 1 No. (AS STANDARD)
M20 x 2 Nos. (ON REQUEST)





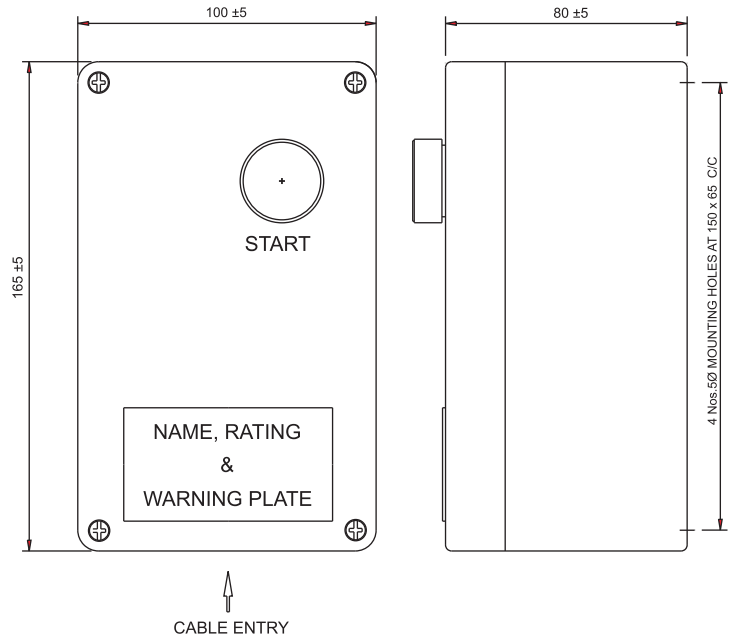
Weatherproof Only Start Push Button Station

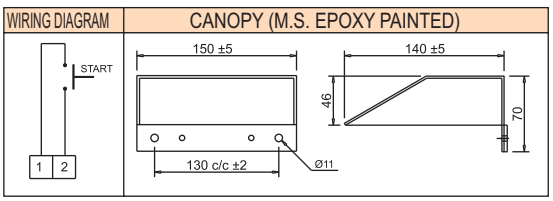
Technical Data : WLC 10 16 802

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) START PUSH BUTTON, GREEN SHROUDED WITH 1NO/2NO CONTACT - 1 No.
C) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 2 Nos
Max. TERMINALS 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 1 No (AS STANDARD)
M20 x 2 Nos (AS ON REQUEST)





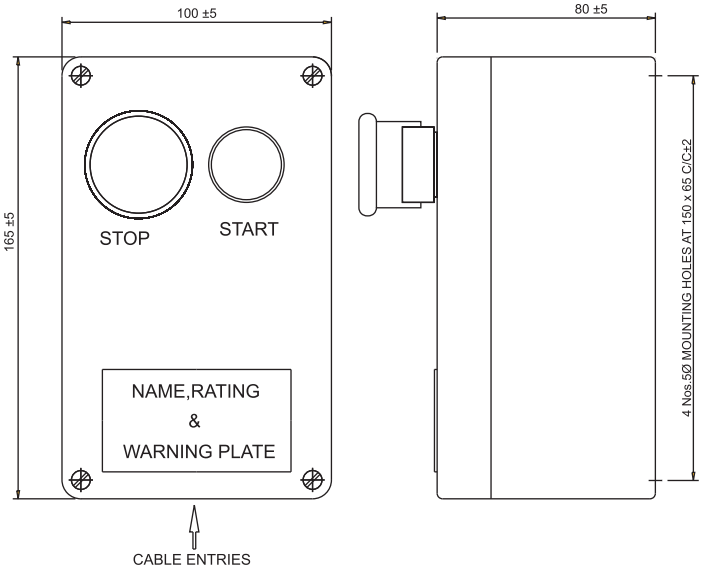
Weatherproof Start-stop Push Button Station

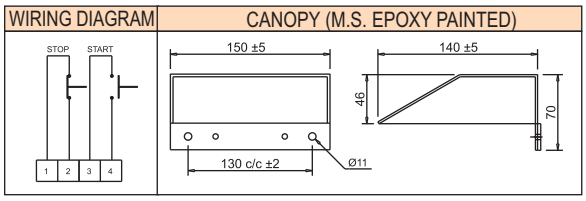
Technical Data : WLC 10 16 803

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON, STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 1 No.
D) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 4 Nos.
Max. TERMINALS 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 1 No. (AS STANDARD)
M20 x 2 Nos. (ON REQUEST)





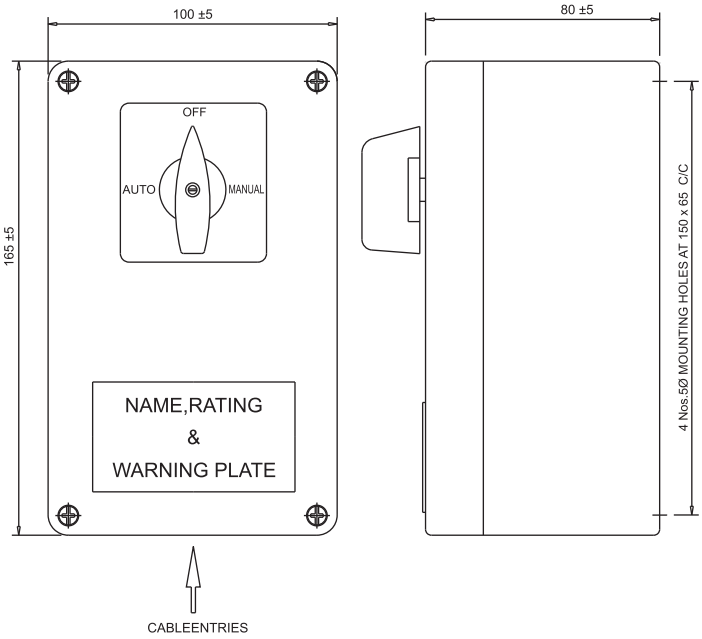
Weatherproof Switch

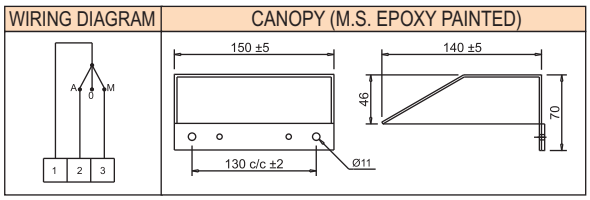
Technical Data : WLC 10 16 804

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) UP TO 25A SELECTOR SWITCH A-O-M SP/DP - 1No.
B) MICRO TERMINALS CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 3Nos.
Max. TERMINALS 2.5 Sq.mm x 8 Nos.

CABLE ENTRY :
M20 x 1 No (AS STANDARD)
M20 x 2 Nos (AS ON REQUEST)





SINCE 1974

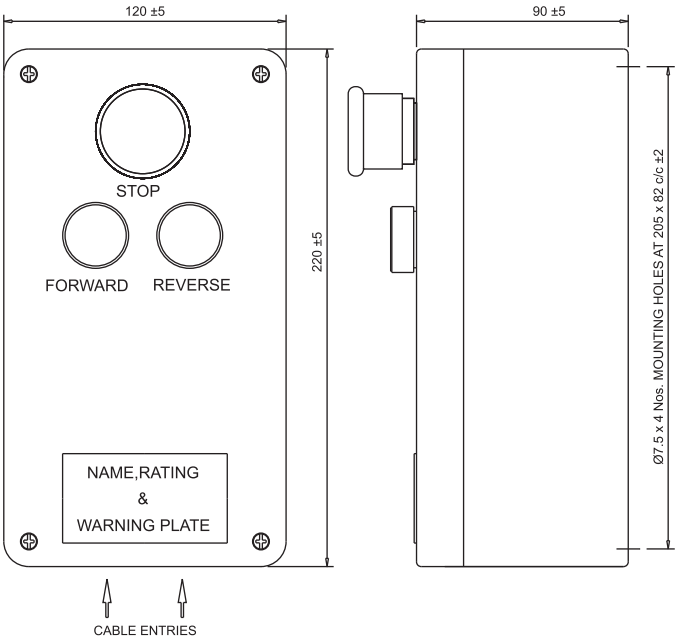
Weatherproof Stop+Forward+Reverse Push Button Station

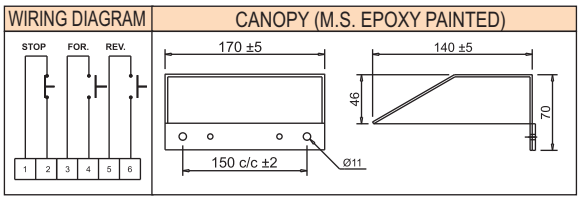
Technical Data : WLC 12 22 901

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) FORWARD, REVERSE PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 2 Nos
D) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 6 Nos.
Max. TERMINALS 2.5 Sq.mm x 12 Nos.

CABLE ENTRY :
M20 x 2 Nos





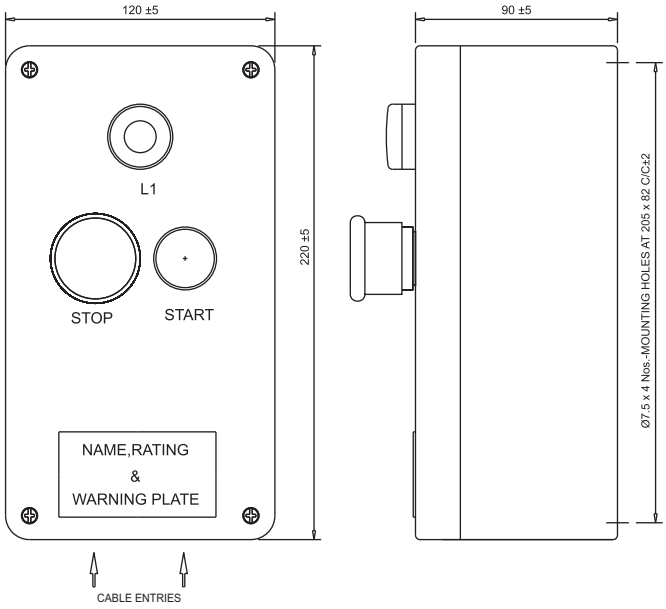
Weatherproof Start+Stop Push Button & Indicating Lamp

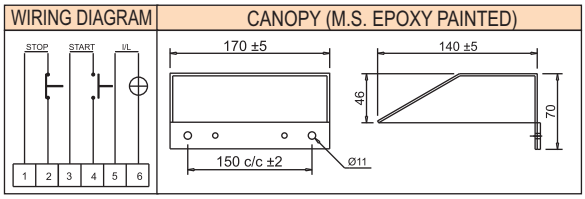
Technical Data : WLC 12 22 902

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO /2NO CONTACT - 1 No.
D) INDICATING LAMP 230V AC RED - 1 No.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 6 Nos.
Max. TERMINALS 2.5 Sq.mm x 12 Nos.

CABLE ENTRY :
M20 x 2 Nos





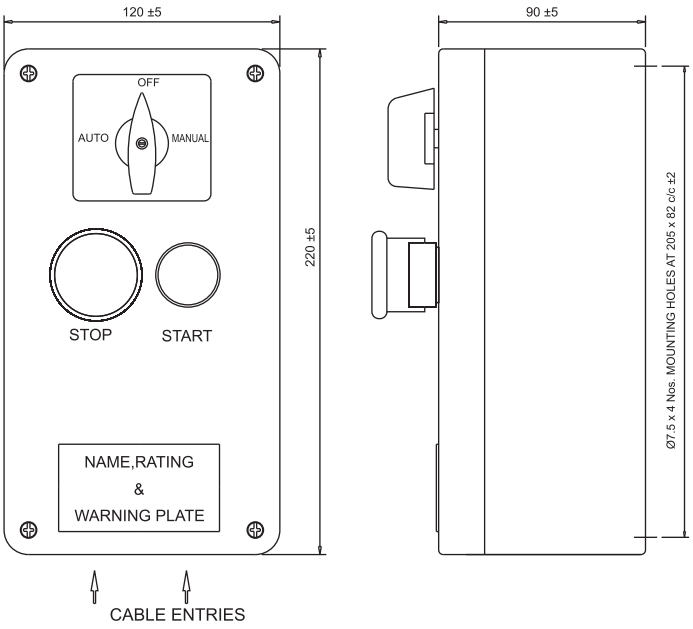
Weatherproof Start+Stop Push Button & Switch

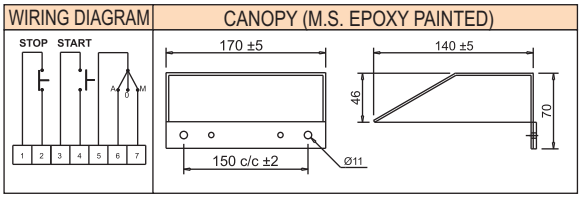
Technical Data : WLC 12 22 903

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 1 No.
D) A-O-M SELECTER SWITCH UPTO 25A - 1 No.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 7 Nos.
Max. TERMINALS 2.5 Sq.mm x 12 Nos.

CABLE ENTRY :
M20 x 2 Nos





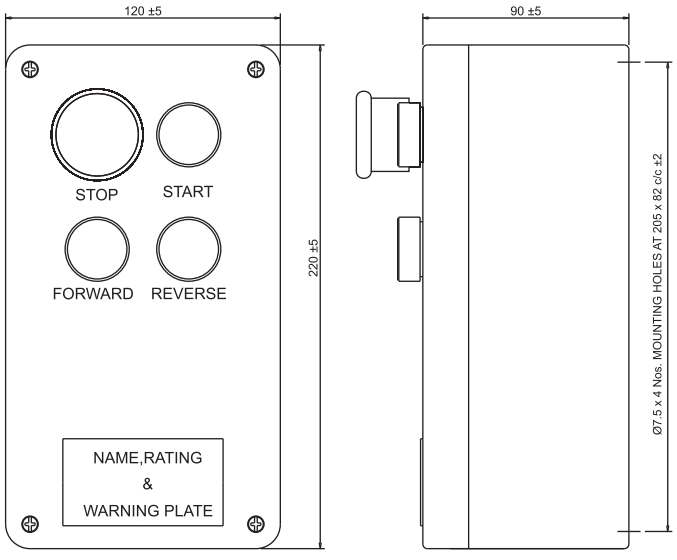
Weatherproof Start+Stop+Forward+Reverse Push Button Station

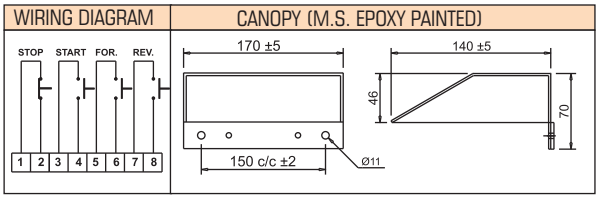
Technical Data : WLC 12 22 904

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START, FORWARD, REVERSE PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 3 Nos.
D) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 8 Nos.
Max. TERMINALS 2.5 Sq.mm x 12 Nos.

CABLE ENTRY :
M20 x 2 Nos





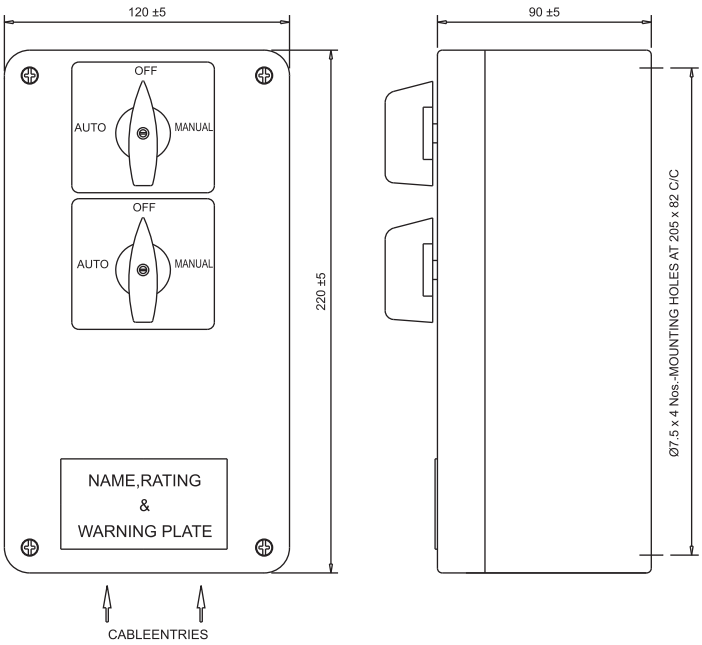
Weatherproof LCS with Two Switch

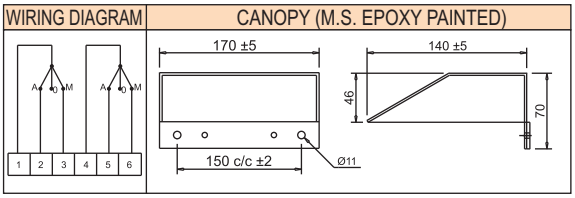
Technical Data : WLC 12 22 905

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) 32A SELECTOR SWITCH A-O-M SP/DP - 2 Nos.
B) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED
2.5 Sq.mm x 6 Nos.
Max. TERMINALS 2.5 Sq.mm x 12 Nos.

CABLE ENTRY :
M20 x 2 Nos.





Weatherproof Start+Stop Push Button with Switch & Ammeter

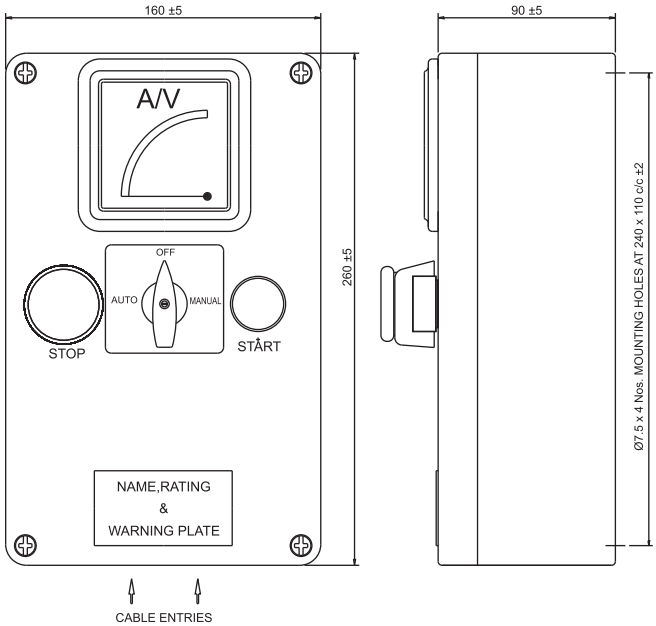
Technical Data : WLC 16 26 901

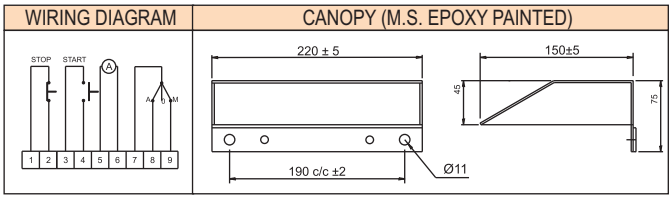
CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON, STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 1 No.
D) A-O-M SELECTOR SWITCH, UPTO 25A, SP/DP - 1 No.
E) AMMETER / VOLTMETER - 1 No.
F) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 9 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

MOUNTING :
WALL MOUNTING

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos.(AS REQUEST)





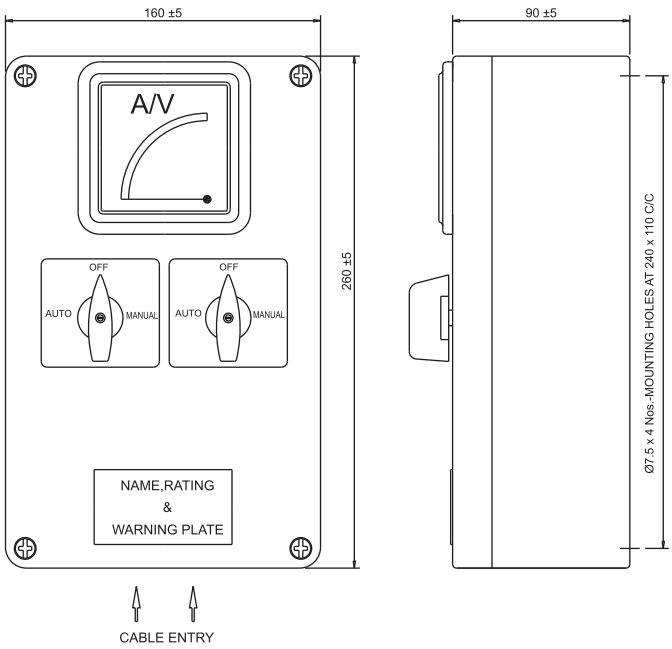
Weatherproof LCS with 2 Switch & Ammeter

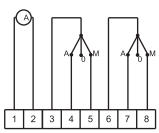
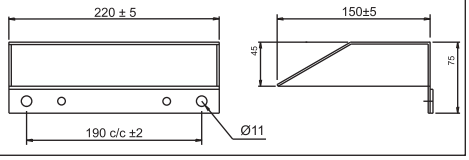
Technical Data : WLC 16 26 902

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) AUTO-OFF-MANUAL SP/DP SELECTOR SWITCH SP/DP - 2 Nos.
B) AMMETER / VOLTMETER - 1 No.
C) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq. mm x 8 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS ON REQUEST).



WIRING DIAGRAM	CANOPY (M.S. EPOXY PAINTED)
	

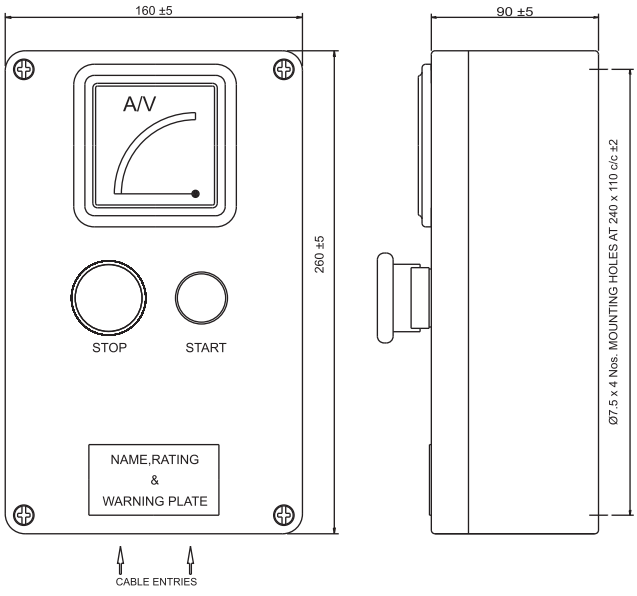
Weatherproof Start+Stop Push Button with Ammeter

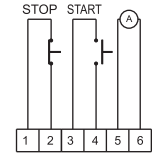
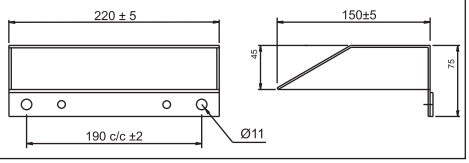
Technical Data : WLC 16 26 903

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) START PUSH BUTTON, GREEN SHROUDED WITH 1NO/2NO CONTACT- 1 No.
C) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
D) AMMETER / VOLTMETER - 1 No.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq. mm x 6 mm.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos.(AS REQUEST).



WIRING DIAGRAM	CANOPY (M.S. EPOXY PAINTED)
	

SINCE 1974

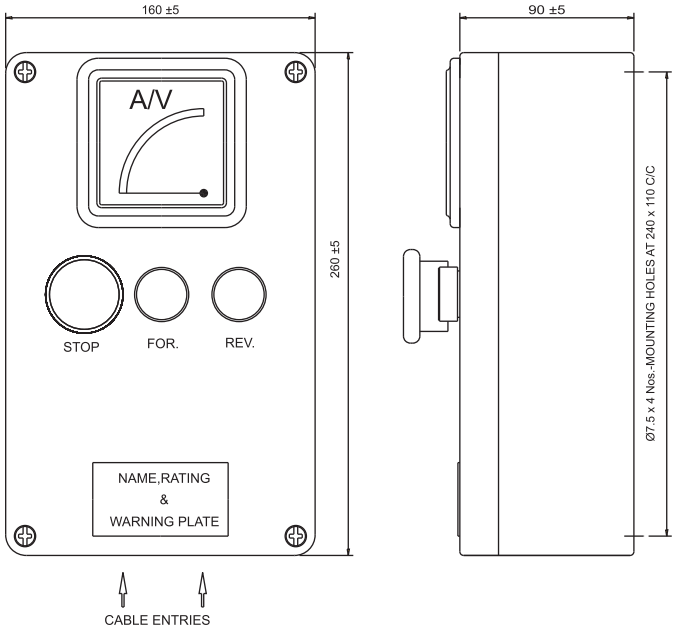
Weatherproof LCS with Ammeter & 3 Nos. Push Button

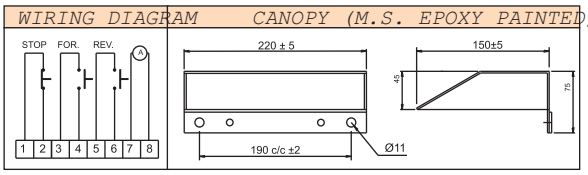
Technical Data : WLC 16 26 904

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITHWITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) FORWARD, REVERSE PUSH BUTTONS, GREEN SHROUDED WITH 1NO/2NO CONTACT-02 Nos.
D) AMMETER / VOLTMETER - 1 No.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq. mm x 8 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos.(AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





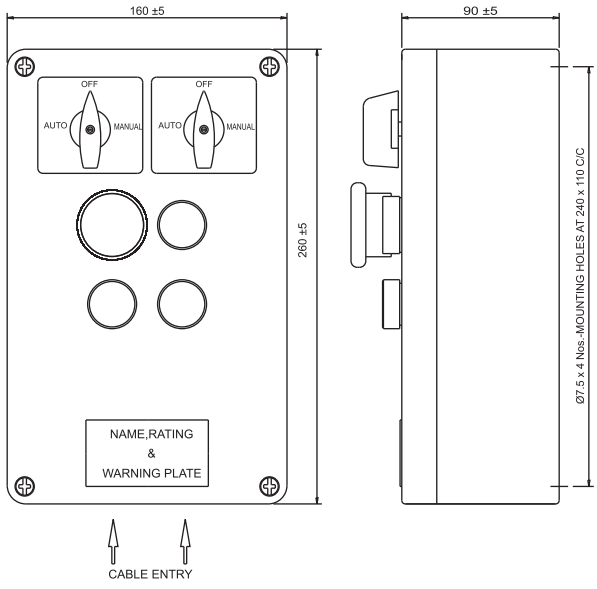
Weatherproof LCS with 2 Switch & 4 Nos. Push Button

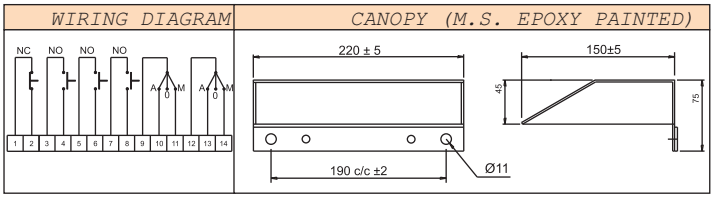
Technical Data : WLC 16 26 905

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON, GREEN SHROUDED WITH 1NO CONTACT - 03 Nos.
D) A-O-M SELECTOR SWITCH 32A, SP/DP - 02 Nos.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq. mm x 14 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





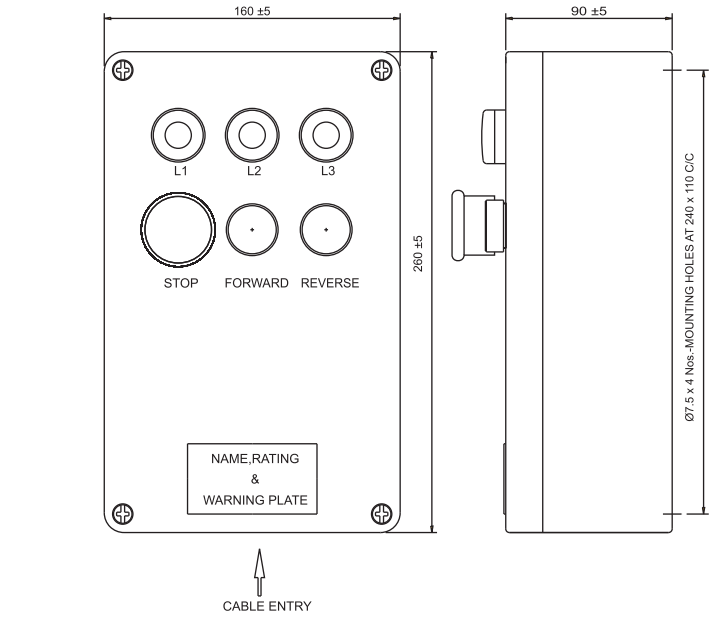
Weatherproof LCS with 3 Nos. Push Button & 3 Nos. Indicating Lamp

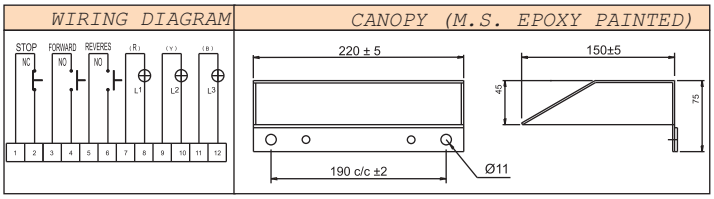
Technical Data : WLC 16 26 906

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC.
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) FORWARD & REVERSE PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 2 Nos.
D) INDICATING LAMP 230V AC - 3 Nos.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 12 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





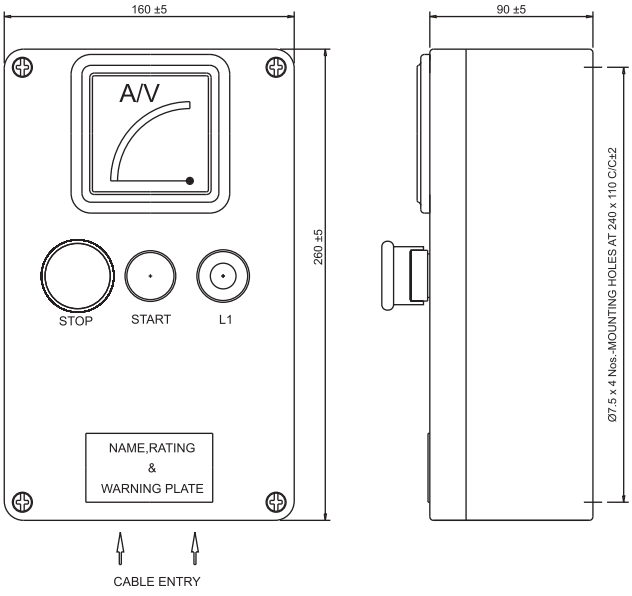
Wetherproof LCS with Start Stop Push Button, Ammeter & Indicator

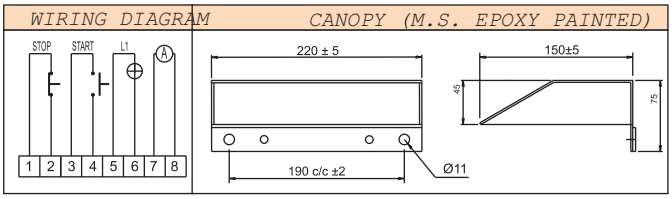
Technical Data : WLC 16 26 907

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON, STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 1 No.
D) INDICATING LAMP 230V AC RED - 1 No.
E) AMMETER CTR 1A, AC 1.5, 90 DEGRE DEFLECTING SIX TIME OR VOLTMETER 0-500 V AC 72 Sq.mm. - 1 No.
F) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 8 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





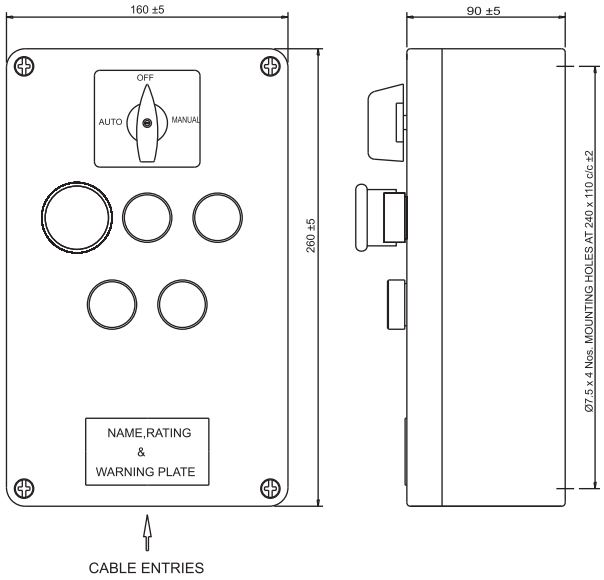
Weatherproof LCS with Switch & 5 Nos. Push Button

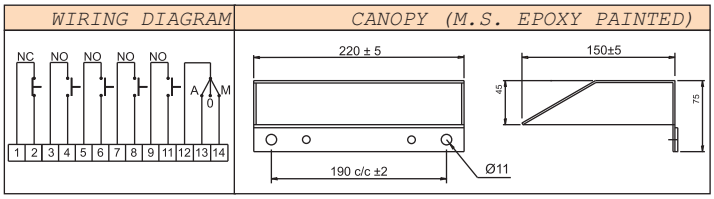
Technical Data : WLC 16 26 908

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 4 Nos.
D) AUTO- OFF- MANUAL SELECTOR SWITCH 32A, SP/DP - 1 No.
E) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 13 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





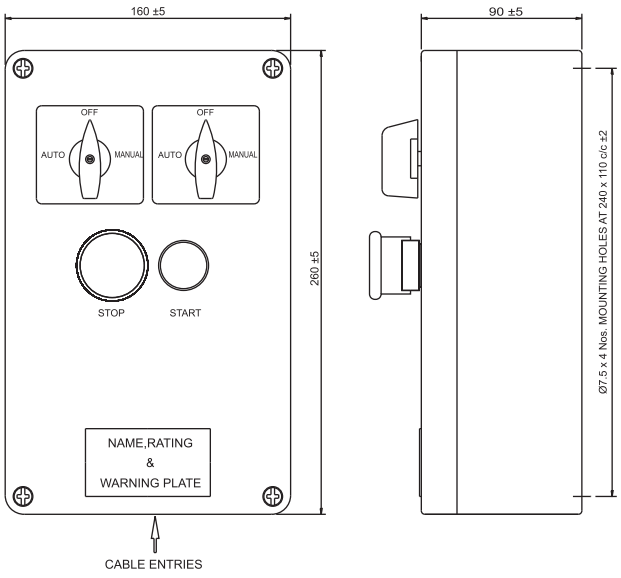
Weatherproof LCS with Start + Stop Push Button & 2 Switch

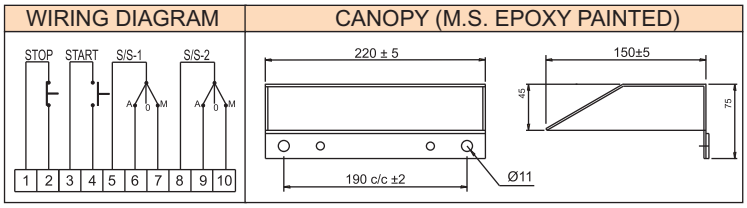
Technical Data : WLC 16 26 909

CERTIFICATION :
CIMFR/TC/P/H734

COMPONENT :
A) CONTACT ELEMENT 10A, 415V, AC / 1A, 250V, DC
B) STOP PUSH BUTTON,STAY PUT TYPE RED MUSHROOM HEAD WITH WITHOUT KEY LOCKABLE 1NC / 2NC CONTACT - 1 No.
C) START PUSH BUTTON GREEN SHROUDED WITH 1NO / 2NO CONTACT - 1 No.
D) AUTO- OFF- MANUAL SELECTOR SWITCH 32A, SP/DP - 2 Nos.
F) MICRO TERMINALS, CLIPON TYPE RAIL MOUNTED 2.5 Sq.mm x 10 Nos.
Max. TERMINALS 2.5 Sq.mm x 20 Nos.

CABLE ENTRY :
M20 x 2 Nos. (AS STANDARD)
M20 x 3 Nos. (AS REQUEST).





SINCE 1974

Industrial Weatherproof Switch Socket

Technical Data : RS 76635

ENCLOSURE :
WEATHERPROOF SUITABLE FOR INSTALLATION IN SAFE AREA.

PROTECTION CLASSIFICATION :
IP-67 AS PER IS/IEC 60529

CERTIFICATION :
CIMFR/TC/P/H734

MATERIAL OF CONSTRUCTION :
FIBER GLASS REINFORCED POLYESTER HOT PRESSURE DIE MOLDED

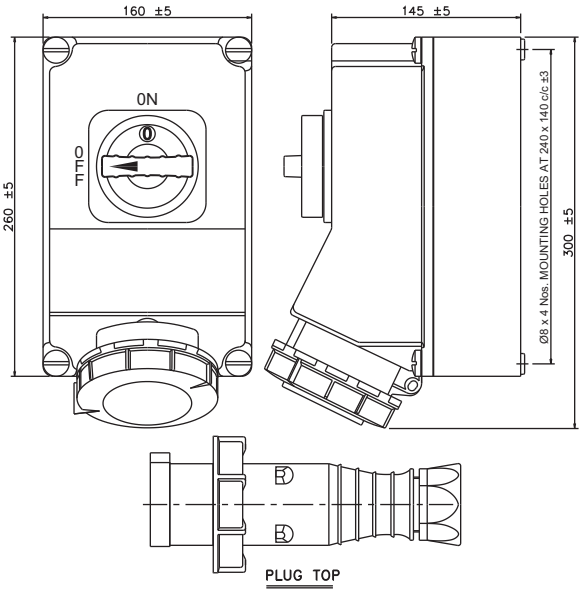
TEMPERATURE CLASSIFICATION : T6

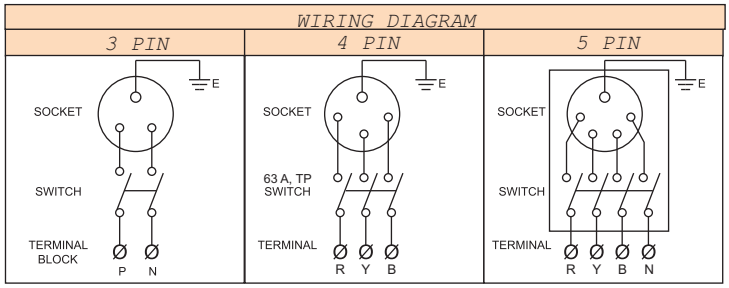
RATING :
UPTO 63A, 3 PHASE, 415V. AC. (3P+N+E)

COMPONENT :
1) UPTO 63A, TP 415V, AC SWITCH - 1 No.
2) MATCHING PLUG & SOCKET 3/4/5 PIN - 1 No.

CABLE ENTRY : M25 x 2 Nos.

SPECIAL FEATURE :
THIS UNIT IS FLAMEPROOF INTERLOCKED. SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.





Industrial Weatherproof 63A, 415V Switch Socket Combined (3P+N+E)

Technical Data : RS 71635

CERTIFICATION :
CIMFR/TC/P/H734

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY

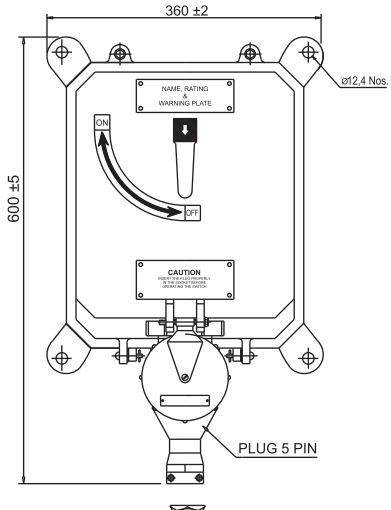
PROTECTION CLASSIFICATION :
IP-55 AS PER IS/IEC 60529

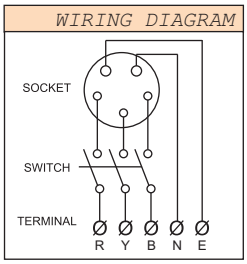
RATING :
63A, 3 PHASE, 415V. AC. (3P+N+E)

COMPONENTS :
A) SWITCH, 63A, 415V - 1 No.
B) SOCKET, 63A, 250V. (3P+N+E)
C) MATCHING PLUG, 63A, 250V. (3P+N+E)

CABLE ENTRY :
M40 x 2 Nos.
M32 ET x 1 No.

SPECIAL FEATURE :
THIS UNIT IS FLAMEPROOF INTERLOCKED. SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.









MISCELLANEOUS

SINCE 1974

Flameproof & Weatherproof Cum Intrinsically Safe Telephone

Technical Data : TW 61001

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/1530

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY

SURFACE TEMP. CLASSIFICATION : T6

COMPONENTS :
A) KEYPAD - 1 No.
B) EXTERNAL BUZZER - 1 No.
C) TERMINALS

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

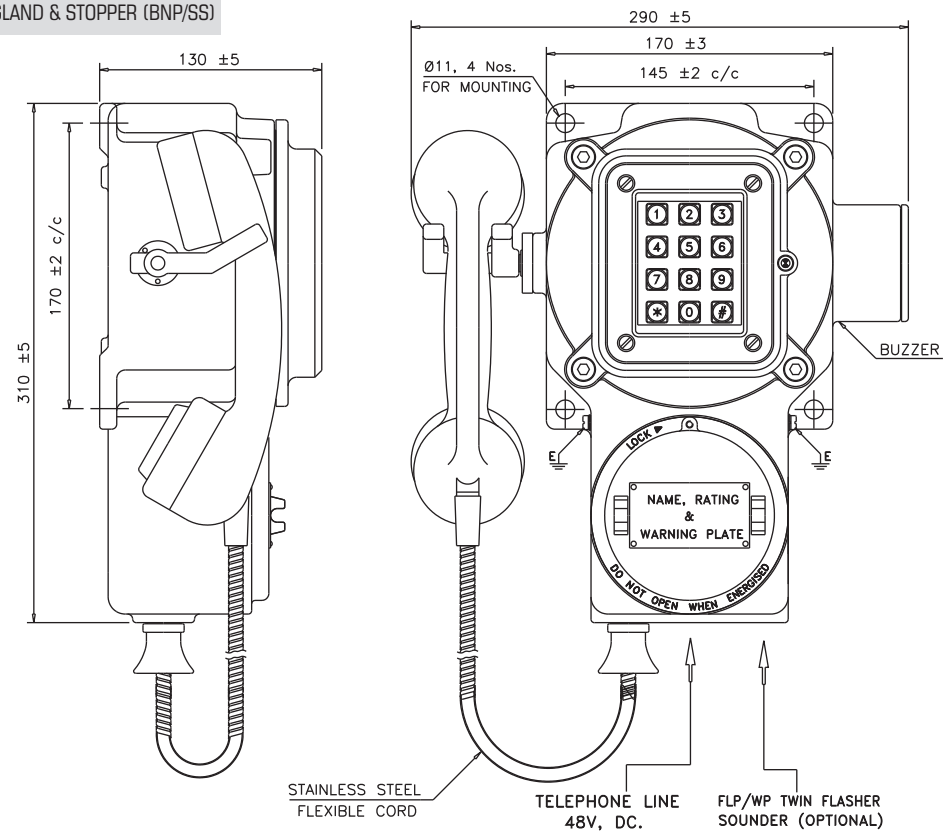
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

NAME PLATE :
STAINLESS STEEL

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CANOPY M.S. EPOXY PAINTED/S.S/AL./FRP.
2) DOUBLE COMPRESSION CABLE GLAND & STOPPER (BNP/SS)





SINCE 1974

Flameproof & Weatherproof Audio-Visual Unit

Technical Data : TW 61001

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB, IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/1530

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY

RATING :
15W PYGMY LAMP

SURFACE TEMP. CLASSIFICATION : T6

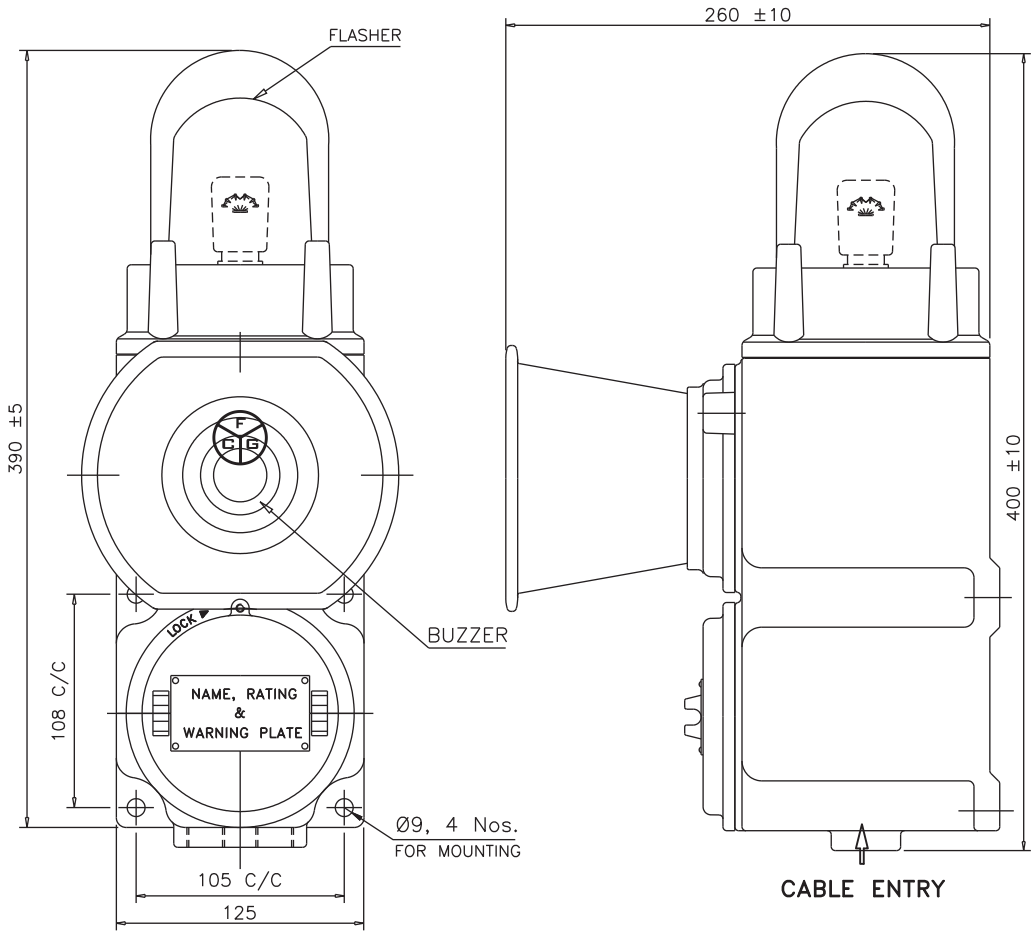
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.

NAME PLATE :
STAINLESS STEEL





SINCE 1974

Flameproof & Weatherproof Hooter/speaker

Technical Data : MCH 6001

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H413

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATING :

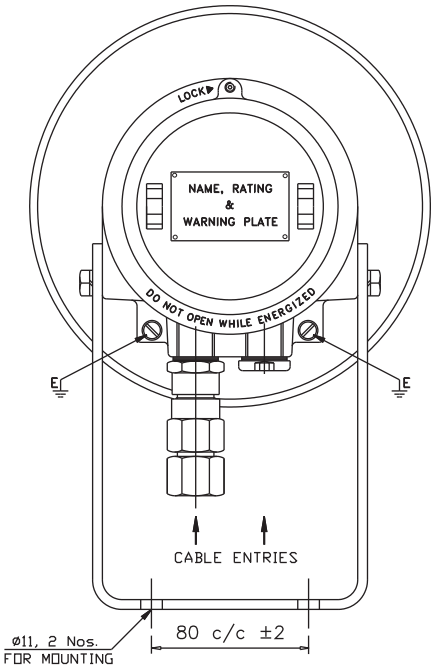
IN PUT VOLTAGE	: Max. UPTO 230 Volts AC. OR UPTO 110V, DC. / 24V, DC.
IN PUT POWER	: UPTO 25 W RMS AND Max. 38 W.
IMPEDANCE/POWER	: 400Ω/25 W
TAP ON 100V LINE	: 500Ω/20 W
	670Ω/15 W
	1KΩ/10 W
	2KΩ/05 W
FREQUENCY RESPONSE	: 250 - 10 khz
SPL AT 1 khz	: 122 db / 25W / 1m

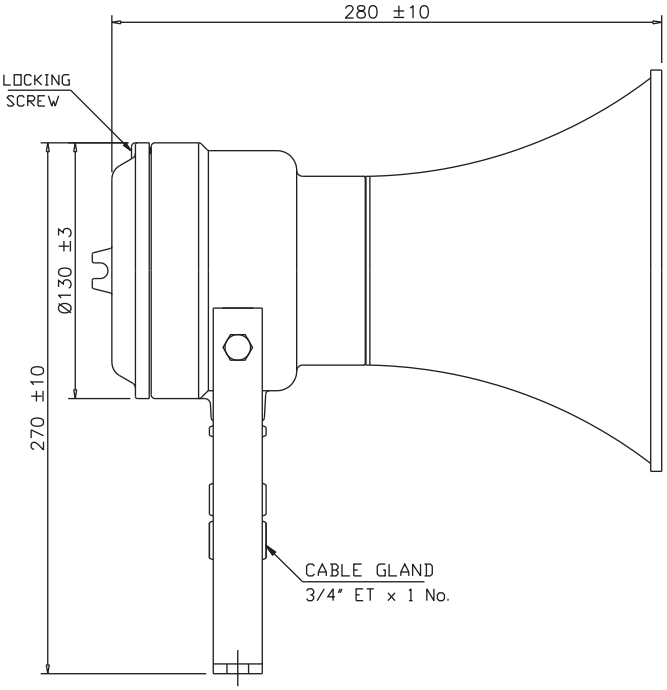
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

CABLE ENTRY :
M20 x 2 Nos.







SINCE 1974

Flameproof & Weatherproof Double Compression Cable Gland

Technical Data : G_ 5....SERIES

CABLE GLAND :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1 & 60079-0

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/P/192

MATERIAL OF CONSTRUCTION :
ALUMINUM OR BRASS OR STAINLESS STEEL



SCHEME OF TYPE No. FOR CUSTOMER ORDERING PURPOSE

TYPE No.

G M 5 1 0 7 5

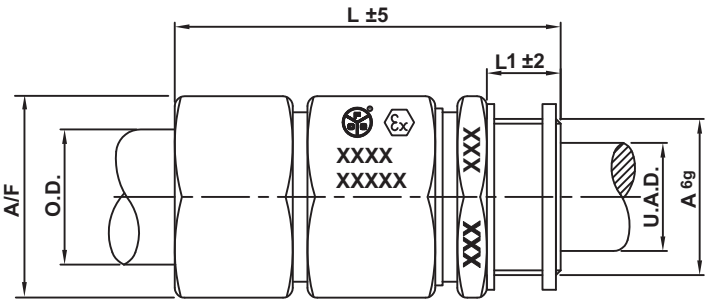
CABLE GLAND

THREADS TYPE
E = ET
N = NPT
M = METRIC

GAS GROUP
5=FOR IIC

MATERIALS
1 = ALUMINIUM
2 = MILD STEEL
3 = STAINLESS STEEL
5 = BRASS

THREADS SIZE
075 = 3/4" 020 = M20
100 = 1" 025 = M25
125 = 1.1/4" 032 = M32
150 = 1.1/2" 040 = M40
200 = 2" 050 = M50
250 = 2.1/2" 060 = M60
300 = 3" 075 = M75



SR. No.	THREADS SIZE OF CABLE GLAND "A"		DIMENSIONS			INNER SHEATH UAD ±2		OUTER SHEATH OD ±2		ARMOUR ACCEPTANCE RANGE	
			A/F	L ±3	L1 ±2	Min.	Max.	Min.	Max.	WIRE	TAPE ARMOUR
01	3/4"ETx16 TPI OR 1/2"BSP/NPTx14 TPI OR M20x1.5 P OR PG 11/13.5x1.41 P	MINI	22	75	18	4.0	9.0	8.0	13.5	0.9	0.15 – 0.35
		STD.	25	75	18	6.0	11.0	12.0	17.0	0.9 – 1.25	0.15 – 0.35
		BIG	30	75	18	8.0	13.5	15.0	21.0	0.9 – 1.25	0.15 – 0.50
02	1"ET x 16 TPI OR 3/4"BSP/NPTx14 TPI OR M25 x 1.5 P OR Pg 16 x 1.41 P	STD.	32	75	18	11.0	16.0	15.0	21.0	1.25 – 1.60	0.15 – 0.50
		BIG	38	80	18	13.0	19.0	20.0	25.0	1.25 – 1.60	0.15 – 0.50
03	1.1/4"ETx16 TPI OR 1"BSP/NPTx11/11.5 TPI OR M32 x 1.5 P OR Pg 21 x 1.588 P	STD.	42	80	20	17.0	22.0	20.0	27.0	1.60 – 2.0	0.15 – 0.55
		BIG	46	80	20	18.0	25.0	26.0	30.0	1.60 – 2.0	0.15 – 0.55
04	1.1/2"ETx14 TPI OR 1.1/4"BSP/NPTx11 / 11.5 TPI OR M40x1.5 P OR Pg 29x1.588 P	STD.	46	80	20	20.0	27.0	28.0	34.0	1.60 – 2.0	0.20 – 0.60
		BIG	50	80	20	25.0	31.0	32.0	37.0	1.60 – 2.0	0.20 – 0.60
05	2"ETx14 TPI OR 1.1/2"BSP/NPTx11/11.5 TPI or M50x1.5 P OR PG 36/42x1.588 P	MINI	57	82	20	27.0	34.0	36.0	40.0	2.0 – 2.5	0.20 – 0.80
		STD.	62	82	20	31.0	37.5	39.0	45.0	2.0 – 2.5	0.20 – 0.80
		BIG	70	82	20	37.0	43.0	42.0	52.0	2.0 – 2.5	0.20 – 0.80
06	2.1/2"ETx14 TPI OR 2"BSP/NPTx11/11.5 TPI OR M63x1.5 P OR Pg 48 x 1.588 P	STD.	76	82	20	40.0	46.0	50.0	54.0	2.5	0.50 – 0.80
		BIG	80	82	20	47.0	54.0	56.0	62.0	2.5	0.50 – 0.80
07	3"ET x 14 TPI OR 2.1/2"BSP x 11 TPI OR 2.1/2" NPT x 8 TPI OR M75 x 1.5 PITCH	STD.	82	95	25	53.0	60.0	60.0	67.0	2.5	0.50 – 1.0

SINCE 1974

Flameproof & Weatherproof Double Compression Cable Gland

Technical Data : G_ 6....SERIES

CABLE GLAND :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-67 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/403

MATERIAL OF CONSTRUCTION :
ALUMINUM OR BRASS OR STAINLESS STEEL



SCHEME OF TYPE No. FOR CUSTOMER ORDERING PURPOSE

TYPE No.

G M 6 1 0 2 0

CABLE GLAND

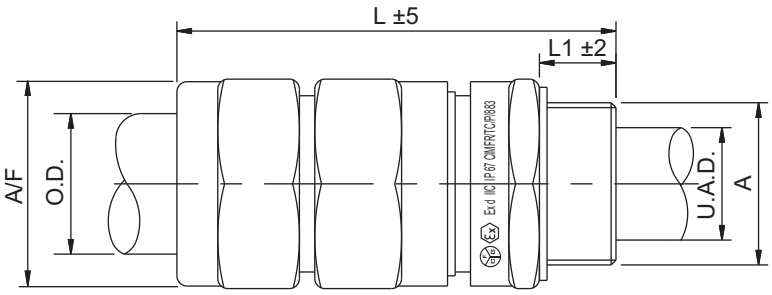
THREADS TYPE
E = ET
N = NPT
M = METRIC

GAS GROUP
6=FOR IIC

MATERIALS
1 = ALUMINIUM
2 = MILD STEEL
3 = STAINLESS STEEL
5 = BRASS
6 = BRONZE

THREADS SIZE

075 = 3/4"	020 = M20
100 = 1"	025 = M25
125 = 1.1/4"	032 = M32
150 = 1.1/2"	040 = M40
200 = 2"	050 = M50
250 = 2.1/2"	060 = M60
300 = 3"	075 = M75
350 = 3.1/2"	090 = M90
400 = 4"	100 = M100



SR. No.	THREADS SIZE OF CABLE GLAND "A"		DIMENSIONS A/F	L ±3	L1 ±2	INNER SHEATH Min.	Max.	OUTER SHEATH Min.	Max.	ARMOUR ACCEPTANCE RANGE WIRE	TAPE ARMOUR
01	M12 x 1.5 PITCH	STD.	19	85	18	3.0	6.0	5.0	9.5	0.6	0.10 - 0.30
		BIG	22	85	18	4.5	7.5	10.6	14	0.6	0.10 - 0.30
02	M16 x 1.5 PITCH	STD.	22	85	18	4.0	9.0	8.0	13.5	0.9	015 - 0.35
		BIG	25	85	18	6.0	11.0	12.0	17.0	0.9 - 1.25	0.15 - 0.35
03	M20 x 1.5 PITCH	MINI	22	85	18	4.0	9.0	8.0	13.5	0.9	0.15 - 0.35
		STD.	25	85	18	6.0	11.0	12.0	17.0	0.9 - 1.25	015- 0.35
		BIG	30	85	18	8.0	13.5	15.0	21,0	0.9 - 1.25	0.15 - 0.50
04	M25 x 1.5 PITCH	STD.	32	85	18	11.0	16.0	15.0	21.0	1.25 - 1.60	0.15 - 0.50
		BIG	38	85	18	13.0	19.0	20.0	25.0	1.25 - 1.60	0 15 - 0.50
05	M32 x 1.5 PITCH	STD.	42	95	20	17.0	22.0	20.0	27.0	1.60 - 2.0	0.15 - 0.55
		BIG	46	95	20	18.0	25.0	26.0	30.0	1.60 - 2.0	0.15 - 0.55
06	M40 x 1.5 PITCH	STD.	46	100	25	20.0	27.0	28.0	34.0	1.60 - 2.0	0.20 -060
		BIG	50	100	25	25.0	31.0	32.0	37.0	1.60 - 2.0	0.20 - 0.60
07	M50 x 1.5 PITCH	MINI	57	105	25	27.0	34.0	36.0	40.0	2.0 - 2.5	0.20 - 0.80
		STD.	62	105	25	31.0	37.5	39.0	45.0	2.0 - 2.5	0.20 - 0.80
		BIG	70	105	25	37.0	43.0	42.0	52.0	2.0 - 2.5	0.20 - 0.80
08	M63 x 1.5 PITCH	STD.	76	105	25	40.0	46.0	50.0	54.0	2.5	0.50 - 0.80
		BIG	82	105	25	47.0	54.0	56.0	62.0	2.5	0.50 - 0.80
09	M75 x 1.5 PITCH	STD.	82	115	25	53.0	60.0	60.0	67.0	2.5	0.50 - 1.0
10	M90 x 2 PITCH	STD.	97	135	25	66.0	75.0	75.0	84.0	3.15	0.50 - 1.0
11	M100 x 2 PITCH	STD.	116	135	25	82.0	92.0	92.0	100.0	3.15	0.50 - 1.0

SINCE 1974

Flameproof & Weatherproof Conduit Accessories

Technical Data : 6....SERIES

ENCLOSURE :
Ex-d, GAS Gr. IIC AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-67 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H138

SIZE : UPTO M100

MATERIAL OF CONSTRUCTION :
AL. ALLOY LM-6 OR BRASS OR CAST IRON OR STAINLESS STEEL

L : MIN. 15 mm FOR UPTO 32 mm
MIN. 20 mm FOR ABOVE 32 mm UPTO 75 mm MIN. 28 mm FOR ABOVE 75 mm

NOTE :
ET, BSP, NPT & PG THREAD AS ON REQUEST



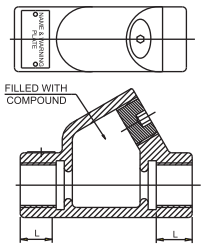


FIG. : 1 SEALING CONDULETS
TYPE No. : SC 6....SERIES FOR Gr. IIC

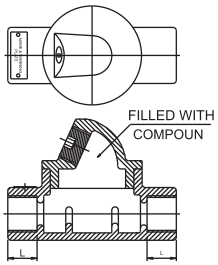


FIG. : 2 CONDUIT BOX WITH SEALER CAPPED
TYPE No. : EZ 6....SERIES FOR Gr. IIC

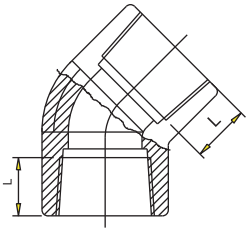


FIG. : 11 45° ANGULAR BEND (FEMALE x FEMALE)
TYPE No. : AB 6....SERIES FOR Gr. IIC

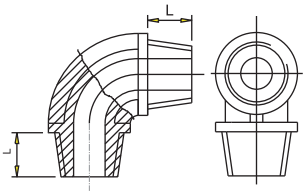


FIG. : 14 RIGHT ANGULAR BEND (MALE x MALE)
TYPE No. : BM 6....SERIES FOR Gr. IIC

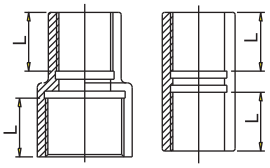


FIG. : 3 COUPLING (FEMALE x FEMALE)
TYPE No. : IC 6....SERIES FOR Gr. IIC

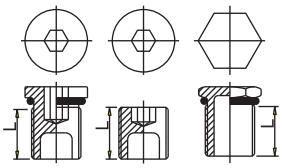


FIG. : 6 STOPPER
TYPE No. : IP 6....SERIES FOR Gr. IIC

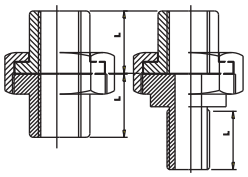


FIG. : 9 UNION (FxF) & (MxF)
TYPE No. : IU 6....SERIES FOR Gr. IIC

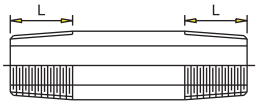


FIG. : 10 CONDUIT NIPPLE (MALE x MALE)
TYPE No. : CN 6....SERIES FOR Gr. IIC

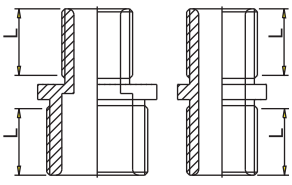


FIG. : 5 NIPPLE (MALE x MALE)
TYPE No. : IN 6....SERIES FOR Gr. IIC

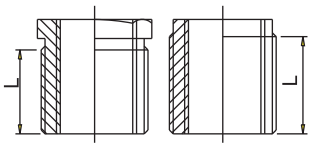


FIG. : 8 REDUCER (MALE x FEMALE)
TYPE No. : IR 6....SERIES FOR Gr. IIC

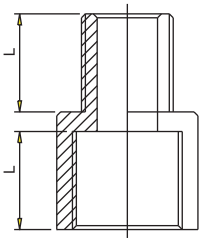


FIG. : 4 NIPPLE (MALE x FEMALE)
TYPE No. : RS 6....SERIES FOR Gr. IIC

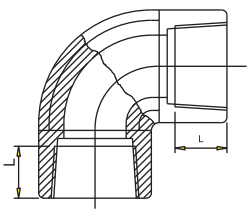


FIG. : 7 RIGHT ANGLE BEND (FEMALE x FEMALE)
TYPE No. : RB 6....SERIES FOR Gr. IIC

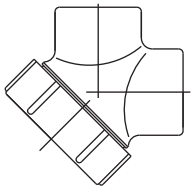


FIG. : 12 ELBOW CONDUIT WITH CAPPED
TYPE No. : EC 6....SERIES FOR Gr. IIC

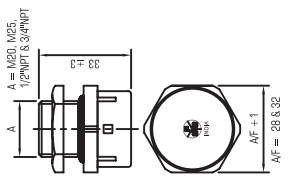


FIG. : 13 BREATHER / DRAINER
TYPE No. : BR 6....SERIES FOR Gr. IIC

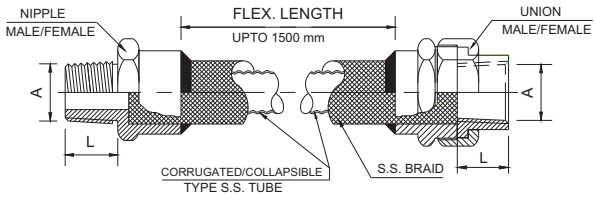


FIG. : 14 FLEXIBLE CONDUIT

CIMFR / PESO / BIS

SINCE 1974

Flameproof & Weatherproof Certified components

Technical Data : FSW 66005

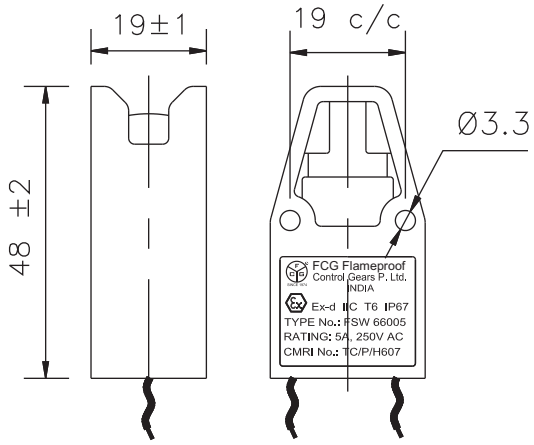
ENCLOSURE :
Ex-d & Ex-m, MICRO SWITCH AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-67 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H122

MATERIAL OF CONSTRUCTION :
PBT+PC (POLY BUTYL TETRAPHYLADET POLY CARBONATE)



Technical Data : IL 65001

ENCLOSURE :
Exd, IIC INDICATOR / INDICATING LAMP AS PER IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION :
IP-67 AS PER IS/IEC 60529

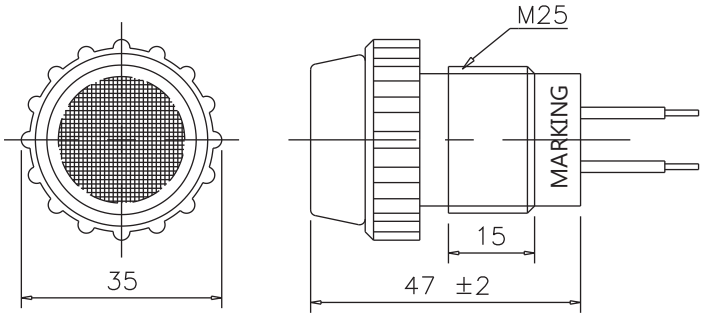
AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/H144

MATERIAL OF CONSTRUCTION :
BRASS NI PLATED / ALUMINUM

RATING :
1W, 12 ~ 250V AC/DC

AVAILABLE IN RED, YELLOW, BLUE, AMBER, GREEN & WHITE COLOUR



Technical Data : FCG/ISR/1001

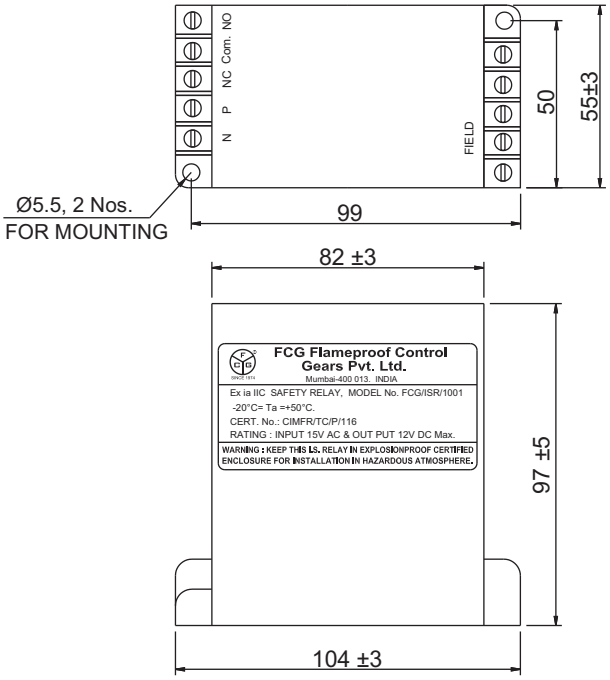
ENCLOSURE :
Ex' ia SAFETY RELAY / POWER SUPPLY UNIT AS PER IS/IEC 60079-11 & IS/IEC 60079-0

AREA CLASSIFICATION :
ZONE-1 & 2

MATERIAL OF CONSTRUCTION :
HEAVY DUTY PLASTIC

CERTIFICATION :
CIMFR/TC/P/166

SPECIAL FEATURES :
IT IS BASICALLY DESIGNED TO CHECK EARTHING STATUS FOR EQUIPMENTS, PLANT OR OPERATION IN HAZARDOUS / NON HAZARDOUS AREA. IF THE EARTHING STATUS IS NOT HEALTHY RELAY WILL DE-ENERGIZED TO GIVE SINGLE ACCORDINGLY AND / OR TRIP THE EQUIPMENT.



SINCE 1974

Flameproof & Weatherproof Certified components

Technical Data :

ENCLOSURE :
Exd, IIC AS PER IS/IEC 60079-1:2007 & IS/IEC 60079-0

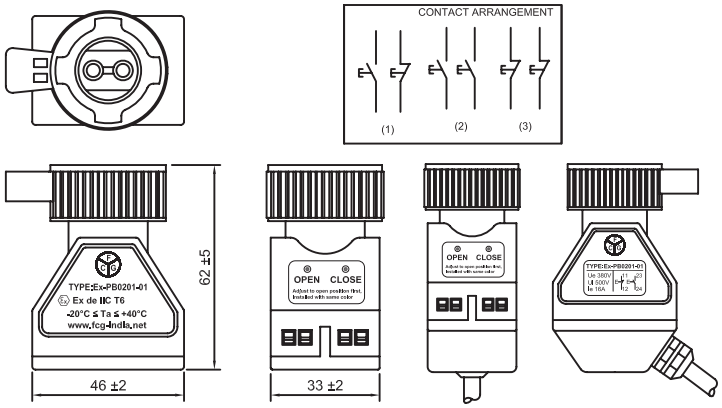
AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/P/86

MATERIAL OF CONSTRUCTION :
HIGH GRADE OF GREY PLASTIC

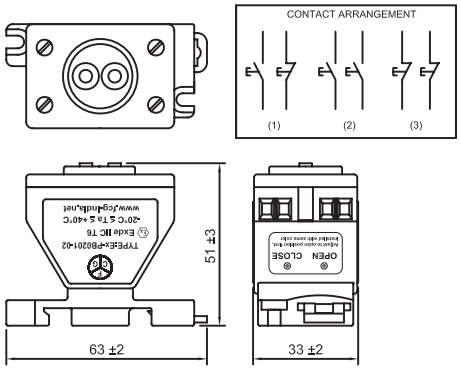
NOTE :
PESO APPROVAL FOR ZONE - 2 APPLICATION ONLY



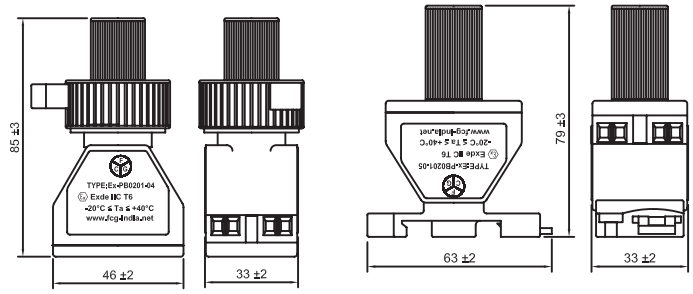


Ex-PB0201-01 : Switch Module Panel mounting (Front mounting)

Ex-PB0201-03 : Switch Module Panel mounting (Front mounting) with Cable



Ex-PB0201-02 : Switch Module Rail mounting (Bottom mounting)



Ex-PB0201-04 : Indicating Lamp Panel mounting (Front mounting)

Ex-PB0201-06 : Indicating Lamp Panel mounting with Cable gland/Cable

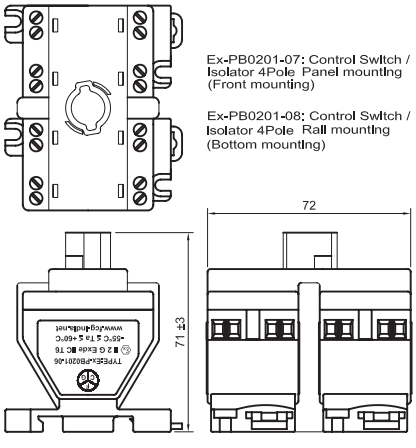
Ex-PB0201-05 : Indicating Lamp Rail mounting (Bottom mounting)

Codification Scheme for Type No. for Flameproof Switch Module

E	x	-	P	B	0	2	0	1	-	0	1

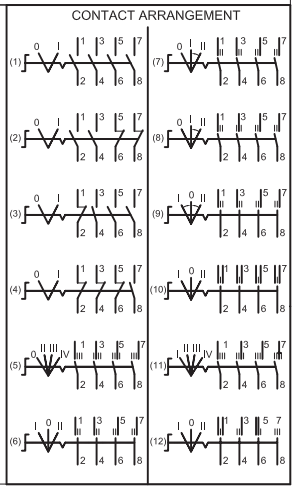
Fix DIgit

01 = Panel mounting (Front mounting) Switch Module
02 = Rail mounting (Bottom mounting) Switch Module
03 = Panel mounting (Front mounting) Switch Module with Cable gland/Cable
04 = Indicating Lamp Panel mounting
05 = Indicating Lamp Rail mounting
06 = Indicating Lamp Panel mounting with Cable gland/Cable
07 = Panel mounting (Front mounting) 4P gear type Switch
08 = Rail mounting (Bottom mounting) 4P gear type Switch
09 = Illuminated Push Button Rail mounting (Bottom mounting)
10 = Illuminated Push Button Panel mounting (Front mounting)
11 = Illuminated Push Button Panel mounting (Front mounting) with Cable gland/Cable
12 = Potentiometer Rail mounting (Bottom mounting)
13 = Potentiometer Panel mounting (Front mounting)
14 = Potentiometer Panel mounting (Front mounting) with Cable gland/Cable



Ex-PB0201-07: Control Switch / Isolator 4Pole Panel mounting (Front mounting)

Ex-PB0201-08: Control Switch / Isolator 4Pole Rail mounting (Bottom mounting)



SINCE 1974

Flameproof & Weatherproof Fans

Technical Data : EF 1002

ENCLOSURE :
Ex-d GAS Gr. IIA,IIB & IIC AS PER LATEST STANDARD IS/IEC 60079-1 & IS/IEC 60079-0

PROTECTION : IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE - 1 & 2

SURFACE TEMP. CLASSIFICATION : T6

MATERIAL OF CONSTRUCTION OF MOTOR :
ALUMINUM ALLOY

CERTIFICATION :
CIMFR/TC/P/H57 & CIMFR/TC/S/335

RATING : 0.5HP 250V AC / 0.5HP 440V AC

CABLE ENTRY : M20 x 1No.

NOTE : 1) ET, NPT, BSP THREAD AS ON REQUEST
2) LOUVERS & BIRD CATCHER AS ON REQUEST.



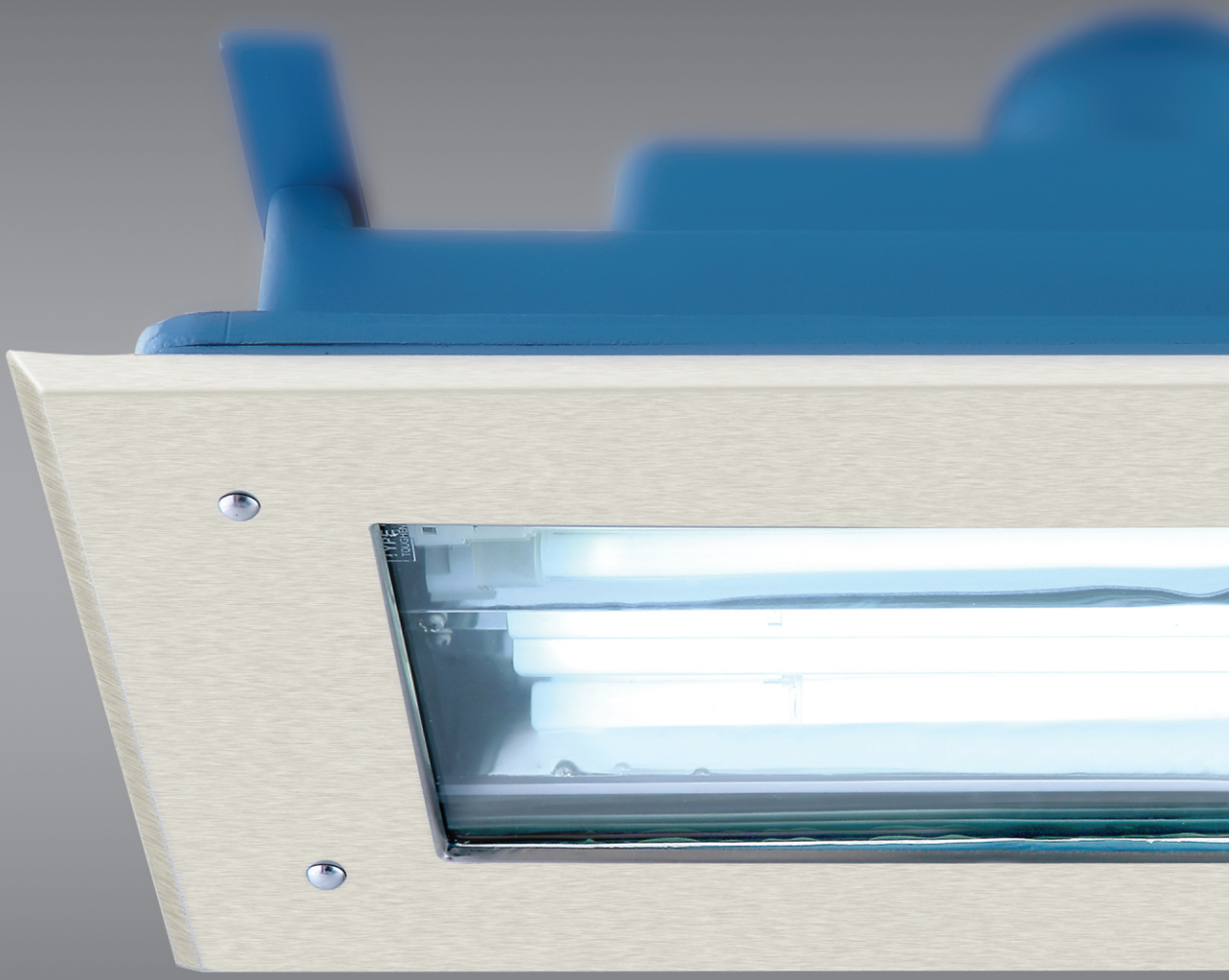
Sr. No.	SIZE INCHES (MM)	DIMENSIONS ARE IN MM ±10	MOTOR RATING CURRENT (A) / PHASE / VOLTAGE / Hz	WEIGHT IN KGS. (APPX.)
01	18" (457 Max.)	Ø520	0.65A / 1 Ø / 250V / 50 Hz.	34.350
02	18" (457 Max.)	Ø520	0.3A / 3 Ø / 440V / 50 Hz.	34.350
03	24" (610 Max.)	Ø685	0.85A / 1 Ø / 250V / 50 Hz.	37.100
04	24" (610 Max.)	Ø685	0.38A / 3 Ø / 440V / 50 Hz.	37.100
05	30" (762 Max.)	Ø800	1.4A / 1 Ø / 250V / 50 Hz.	42.450
06	30" (762 Max.)	Ø800	0.5A / 3 Ø / 440V / 50 Hz.	42.450



Sr. No.	SIZE INCHES (MM)	DIMENSIONS ARE IN MM ±10	MOTOR RATING CURRENT (A) / PHASE / VOLTAGE / Hz	WEIGHT IN KGS. (APPX.)
01	18" (457 Max.)	Ø520	0.65A / 1 Ø / 250V / 50 Hz.	20.850
02	18" (457 Max.)	Ø520	0.3A / 3 Ø / 440V / 50 Hz.	20.850
03	24" (610 Max.)	Ø685	0.85A / 1 Ø / 250V / 50 Hz.	23.750
04	24" (610 Max.)	Ø685	0.38A / 3 Ø / 440V / 50 Hz.	23.750
05	30" (762 Max.)	Ø800	1.4A / 1 Ø / 250V / 50 Hz.	26.850
06	30" (762 Max.)	Ø800	0.5A / 3 Ø / 440V / 50 Hz.	26.850



Sr. No.	IMPELLER SIZE INCHES	IMPELLER SIZE MM	CFM	MOTOR RATING CURRENT (A) / PHASE / VOLTAGE / Hz	WEIGHT IN KGS. (APPX.)
01	12"	305	1250	0.33A / 1 Ø / 250V / 50 Hz.	10.750
02	16"	406	2500	0.5A / 1 Ø / 250V / 50 Hz.	12.100
03	18"	457	4000	1.25A / 1 Ø / 250V / 50 Hz.	17.200
04	18"	457	4000	0.5A / 3 Ø / 440V / 50 Hz.	17.200
05	24"	610	6100	0.7A / 3 Ø / 440V / 50 Hz.	21.850





CLEAN ROOM FIXTURES

SINCE 1974

Flameproof Tube Light Fixture 2x36W CFL
Flush Mounting Type

Technical Data : LT 51236

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/1665

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY

RATING & TEMP. CLASSIFICATION :
2 x 36 Watt CFL - T6
4 x 26 Watt CFL - T6
2 x 20W (40W) LED - T6

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
ALUMINUM ANODISED

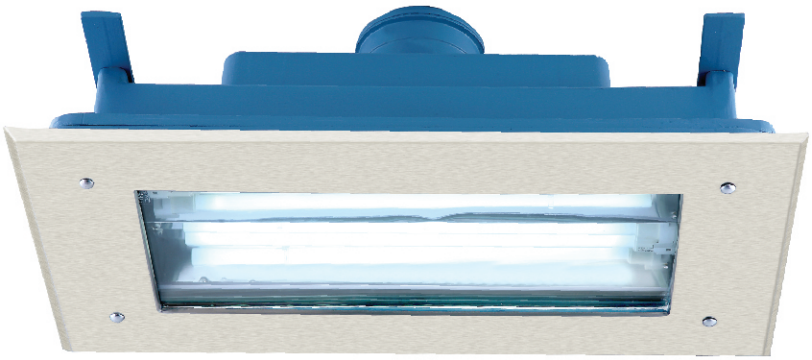
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

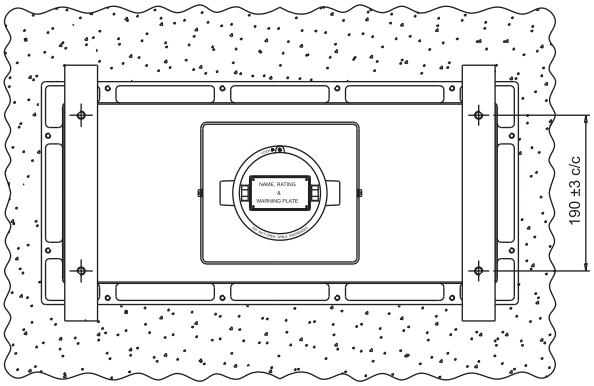
CABLE ENTRY :
M20 x 2 Nos.

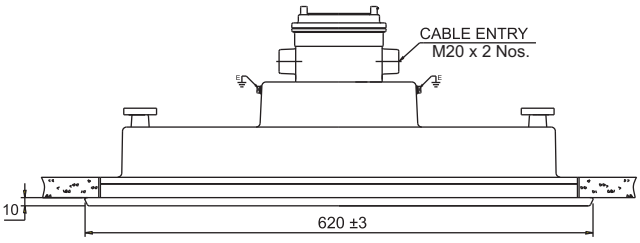
OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) S.S. FRAME FOR FRONT SIDE

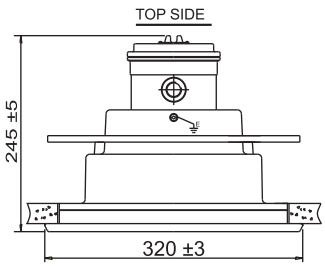
NOTE :
1) LAMP REPLACEMENT & FITTING FIXING ARRANGEMENT IS FROM THE FRONT SIDE.
2) COVER FIXING SCREWS ARE NON FALLING TYPE.

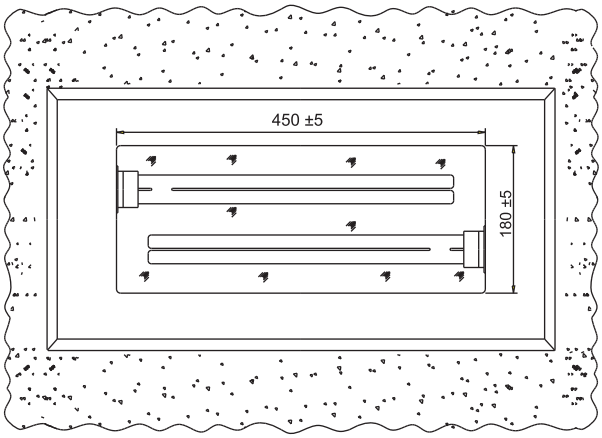


BOTTOM OPENABLE









FALSE CEILING CUT OUT
585 x 285 ±5mm

CLAMPING ARRANGEMENT
6" TO 9" ADJUSTABLE BRACKET

SINCE 1974

Flameproof Tube Light Fixture 2x36W CFL
Flush Mounting Type

Technical Data : LT 51236

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE-1 & 2

CERTIFICATION :
CIMFR/TC/SR/1665

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY

RATING & TEMP. CLASSIFICATION :

2 x 36W CFL -	T6
4 x 26W CFL -	T6
2 x 20W (40W) LED -	T6
3 X 36W CFL (ON REQUEST) -	T6

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
ALUMINUM ANODISED

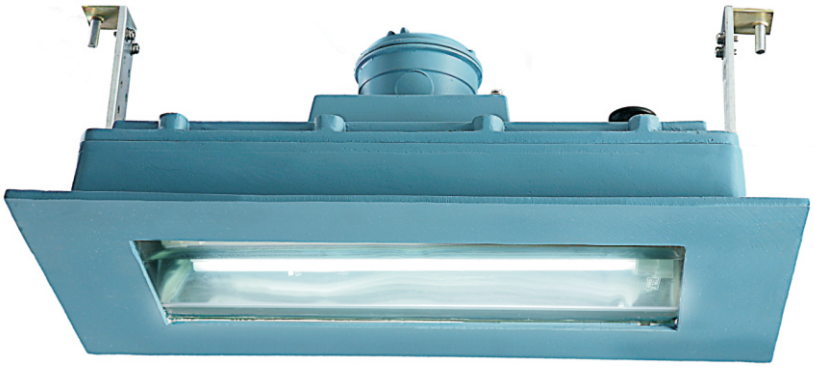
FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

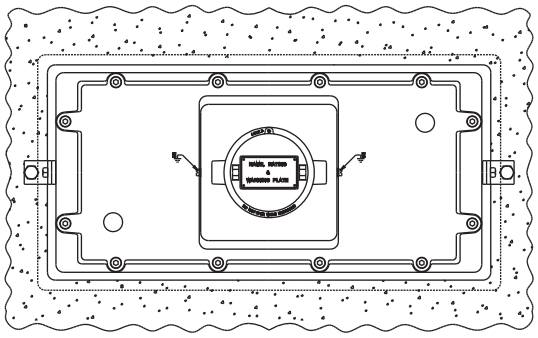
CABLE ENTRY :
M20 x 2 Nos.

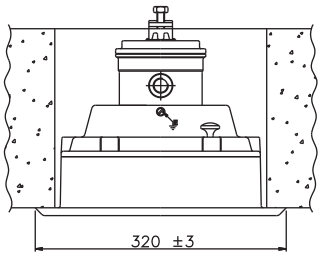
OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) S.S. FRAME FOR FRONT SIDE

NOTE :
1) LAMP REPLACEMENT & FITTING FIXING ARRANGEMENT IS FROM THE TOP SIDE.
2) COVER FIXING SCREWS ARE NON FALLING TYPE.

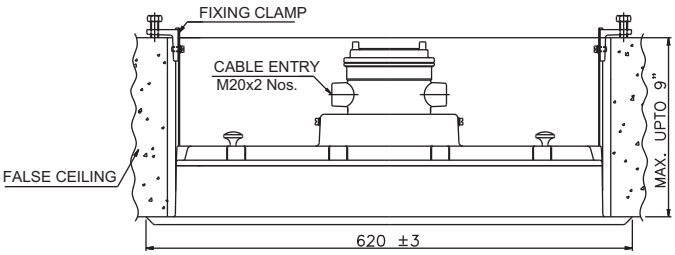


TOP OPENABLE



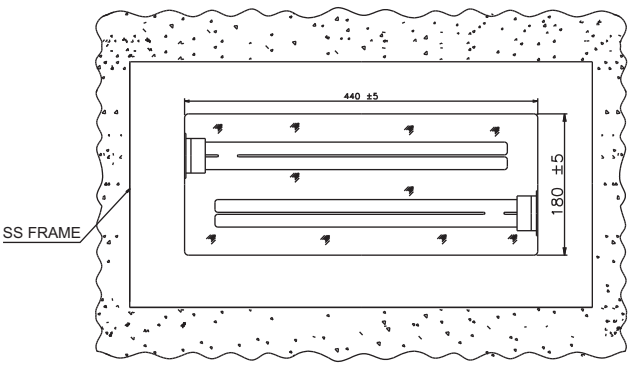


BOTTOM SIDE



FALSE CEILING CUT OUT
565 x 270 ±5mm

CLAMPING ARRANGEMENT
6" TO 9" ADJUSTABLE BRACKET



SINCE 1974

Clean Room Tube Light Fixture

Technical Data : CLT 22...Series

ENCLOSURE :
Ex e mb AS PER IS/IEC 60079-7:2006 IS/IEC 60079-0

PROTECTION :
IP-65, AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE 1 & 2

CERTIFICATION :
ITS/IN/Exem/10/004

MATERIAL OF CONSTRUCTION :
M.S. WITH STAINLESS STEEL FRAME

RATING & SURFACE TEMP. CLASS:
2 x 36W CFL & 3 x 36W CFL 2x18/20W FTL & 2x36/40W FTL

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

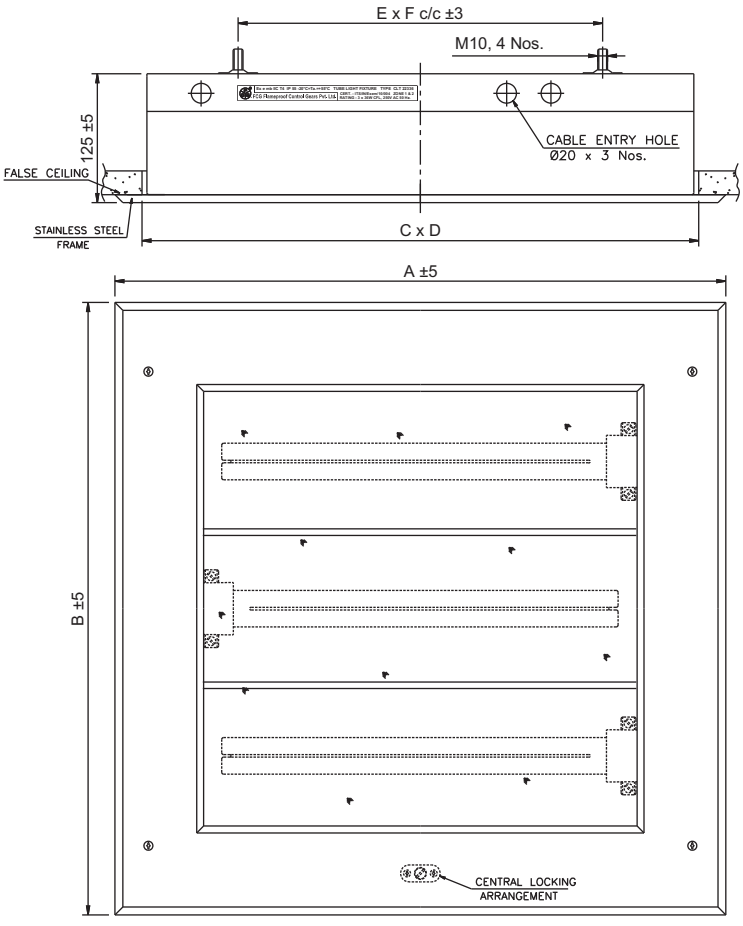
EARTHING :
1 No. INSIDE & 2 Nos.

CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
3) PAINT SHADE AS PER CUSTOMER REQUIREMENTS

NOTE :
WE CAN OFFER LED LAMP ALSO.





FITTING TYPE No.	TUBES/LAMPS TYPE AND WATT	CURRENT AMPS	DIMENSION (mm)					
			A±5	B±5	C±5	D±5	E±3	F±3
CTL 22220	2x18/20W FTL	0.36	770	320	730	280	370	40
CLT 22240	2x36/40W FTL	0.44	1380	320	1340	280	950	40
CLT 22236	2x36W CFL	0.43	620	620	575	575	370	40
CLT 22336	3x36W CFL	0.43	620	620	575	575	370	40

SINCE 1974

Flameproof & Weatherproof Bulkhead Fixture

Technical Data : LB 61223

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE 1 & 2

CERTIFICATION :
CIMFR/TC/SR/64

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY

RATING & TEMP. CLASSIFICATION :
2 x 23 Watt CFL - T6 (SELF BALLAST)
2 x 26 Watt CFL - T6

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
AL. ANODIZED (DEEP DRAWN)

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

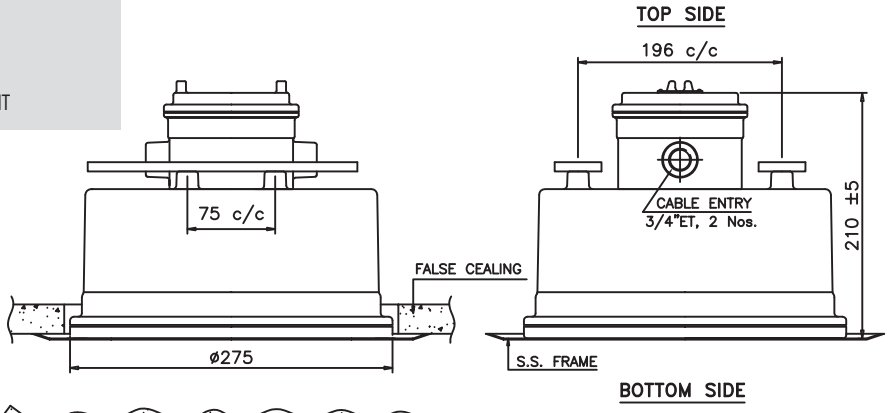
CABLE ENTRY :
M20 x 2 Nos.

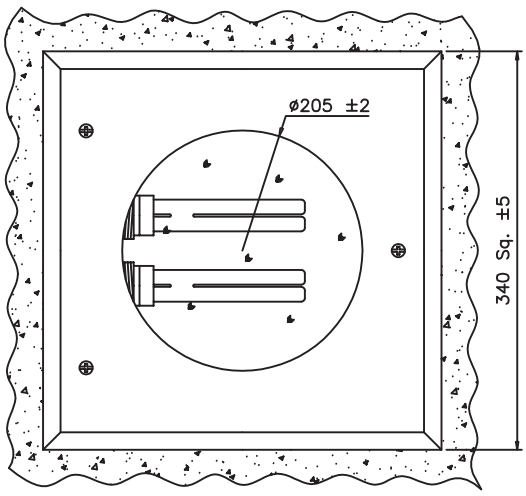
OPTIONAL AT EXTRA COST :
1) PAINT SHADE AS PER CUSTOMER REQUIREMENT
2) S.S. FRAME FOR FRONT SIDE
3) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)

NOTE :
LAMP REPLACEMENT ARRANGEMENT IS FROM THE FRONT SIDE.



BOTTOM OPENABLE





FALSE CEILING CUT OUT
285 x 285 +5 mm

SINCE 1974

Flameproof & Weatherproof Bulkhead Fixture

Technical Data: LB 31226

ENCLOSURE :
Ex-d, IIA & IIB AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY.

RATING & TEMPERATURE CLASSIFICATION :
2 x 26 Watt CFL - T6 (WITH BUILTING CONTROL GEAR)

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

INTERNAL REFLECTOR :
ALUMINUM ANODISED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

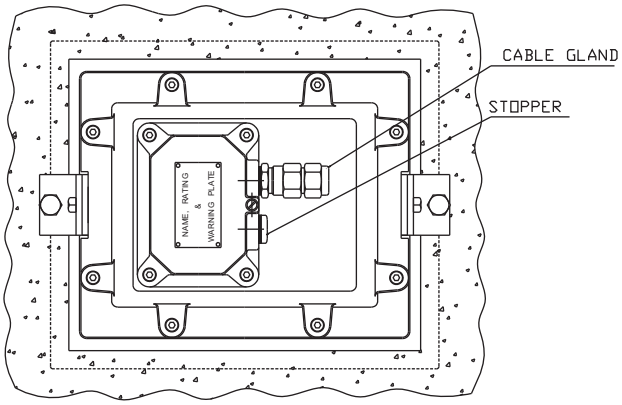
CABLE ENTRY :
M20 x 2 Nos.

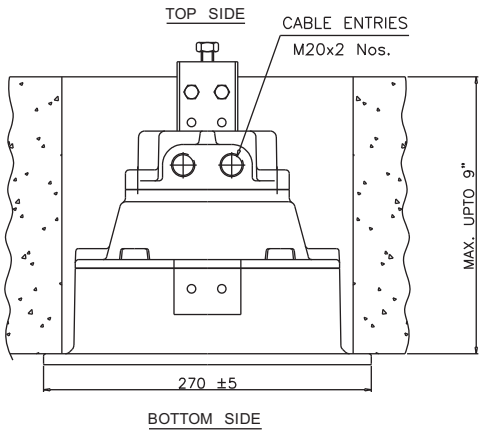
OPTIONAL AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) S.S. FRAME FOR FRONT SIDE

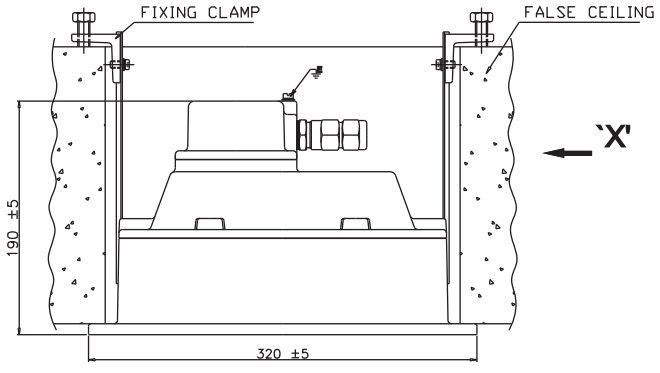
NOTE :
1) LAMP REPLACEMENT ARRANGEMENT IS FROM THE TOP SIDE
2) S.S. FRAME FOR FRONT SIDE



TOP OPENABLE



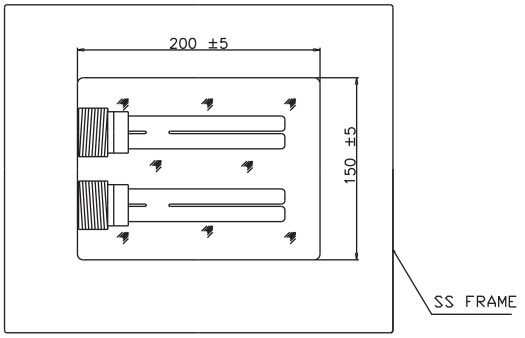




VIEW `X'

CUT OUT DIMENSION
290 x 240 ±5 mm

CLAMPING ARRANGEMENT
6" TO 9" ADJUSTABLE BRACKET



SINCE 1974

Flameproof & Weatherproof Bulkhead Fixture

Technical Data : LB 31...Series

ENCLOSURE :
Ex-d, IIA & IIB AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/H112

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST AL. ALLOY.

RATING & TEMPERATURE CLASSIFICATION :
2x26W CFL, 250V AC. 50 Hz. T6
30W LED 240V AC/DC - T6

COMPONENTS :
1) CONTROL GEAR WITH BALLAST
2) LAMP HOLDER BI-PIN TYPE
3) 2 WAY TERMINAL BLOCK

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED
CLEAR FLAT GLASS

INTERNAL REFLECTOR :
MIRROR OPTICS AL. ANODISED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED
SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE,

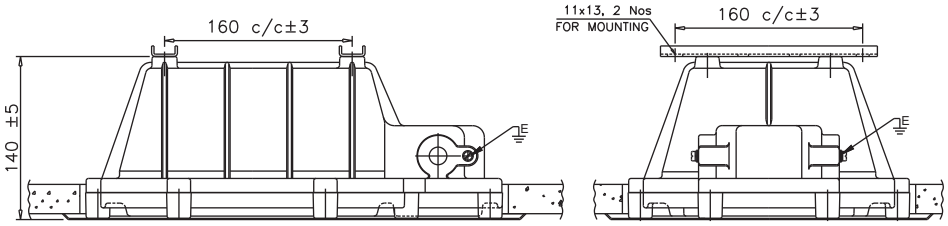
CABLE ENTRY :
M20 x 2 Nos.

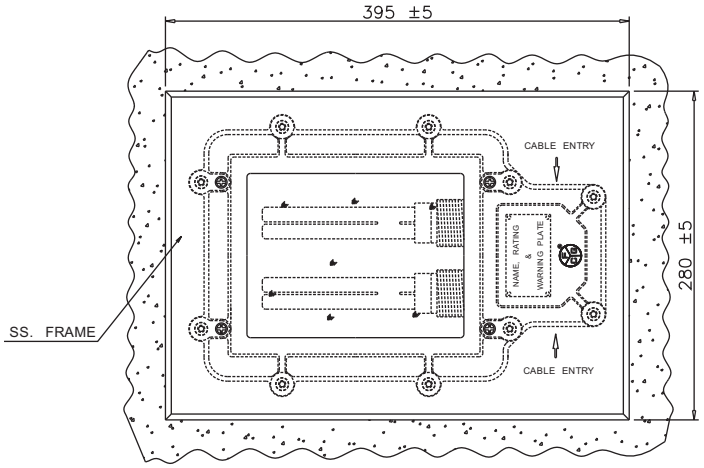
NAME PLATE :
STAINLESS STEEL

OPTIONAL AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT
3) S.S. FRAME FOR FRONT SIDE



BOTTOM OPENABLE





FALSE CEILING CUT OUT
360 x 245 +3 mm

SINCE 1974

Flameproof & Weatherproof Bulkhead Fixture (Integral Type)

Technical Data : LB 31...Series

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/H112

MATERIAL OF CONSTRUCTION :
CAST ALUMINUM ALLOY.

RATING & TEMPERATURE CLASSIFICATION :
AS PER TABLE BELLOW

COMPONENTS :
1) CONTROL GEAR (BALLAST, CAPACITOR, IGNITER)
2) LAMP HOLDER E-27
3) 2 WAY TERMINAL BLOCK

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

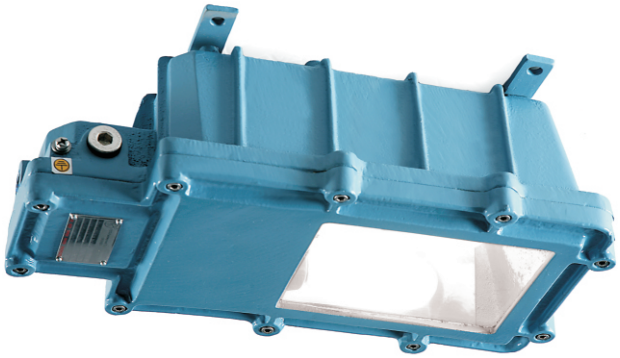
INTERNAL REFLECTOR :
MIRROR OPTICS AL. ANODISED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

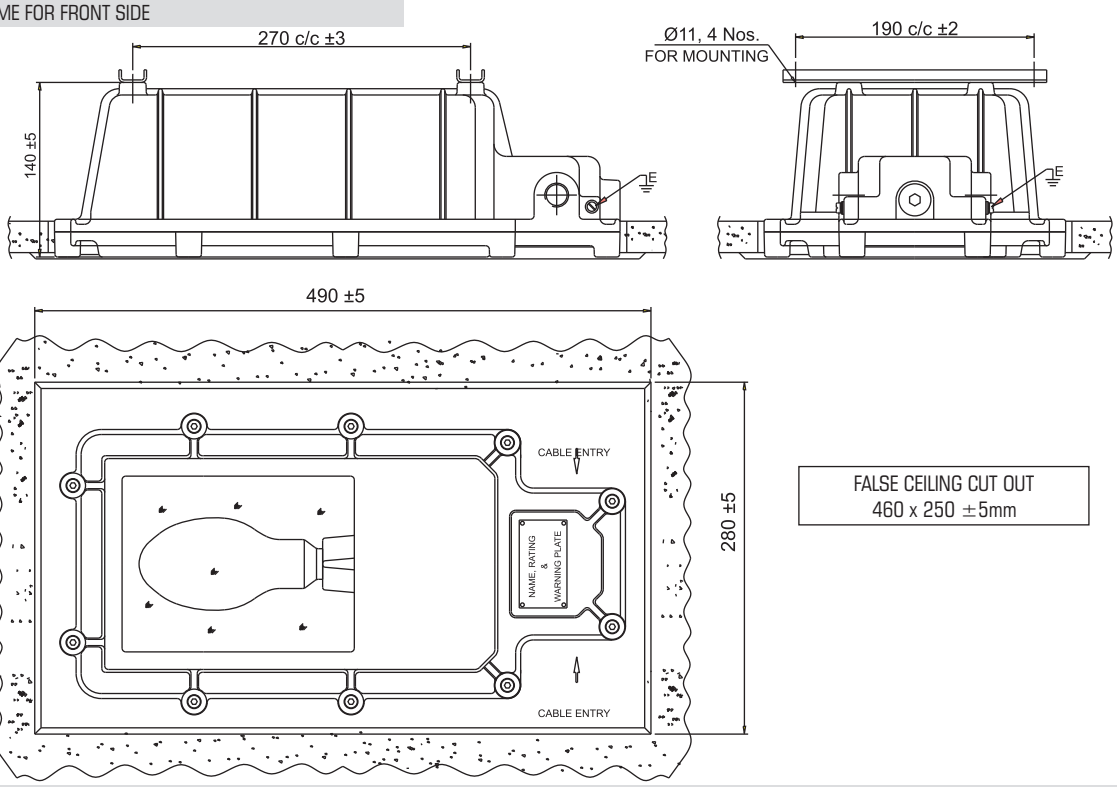
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) S.S. FRAME FOR FRONT SIDE



BOTTOM OPENABLE

FIXTURE TYPE No.	LAMP RATING AT 250V AC/DC	FIXTURE TYPE	SURFACE TEMP. CLASS
LB 31080	80W HPMV	INTEGRAL	T3
LB 31125	125W HPMV	INTEGRAL	T3
LB 31070M	70W MH	INTEGRAL	T3
LB 31070S	70W HPSV	INTEGRAL	T3



FALSE CEILING CUT OUT
460 x 250 ±5mm

SINCE 1974

Flameproof & Weatherproof Integral Bulkhead Fixture

Technical Data : LB 61125

ENCLOSURE :
Ex-d, GAS Gr. IIA & IIB, IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-66 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/337

MATERIAL OF CONSTRUCTION :
DIE CAST ALUMINUM ALLOY.

RATING & TEMPERATURE CLASSIFICATION :

70W MH	70W HPSV
30W LED - T6	45W LED - T6

COMPONENTS :
GEAR PLATE WITH FOLLOWING COMPONENTS
A) BALLAST
B) CAPACITOR & (IGNITOR FOR HPSV/MH LAMP)
C) 2 WAY TERMINAL BLOCK

TRANSPARENT PART :
HEAT RESISTANT & TOUGHENED CLEAR FLAT GLASS

LAMP HOLDER :
PORCELAIN E-27

WIRE GUARD :
M.S. GALVANIZED & WHITE EPOXY PAINTED

INTERNAL REFLECTOR :
ALUMINIUM ANODISED

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

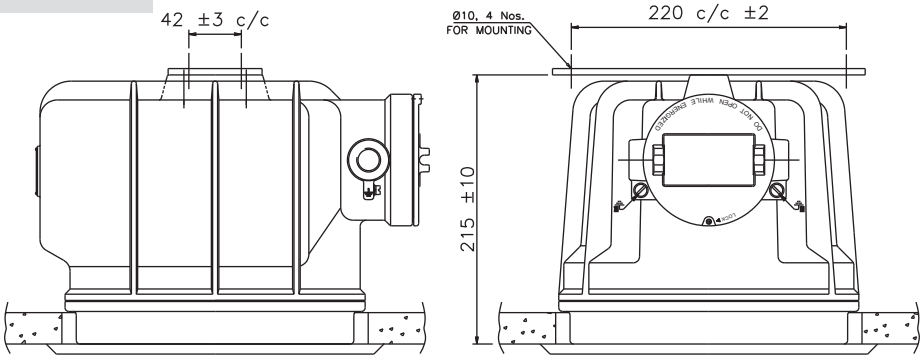
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

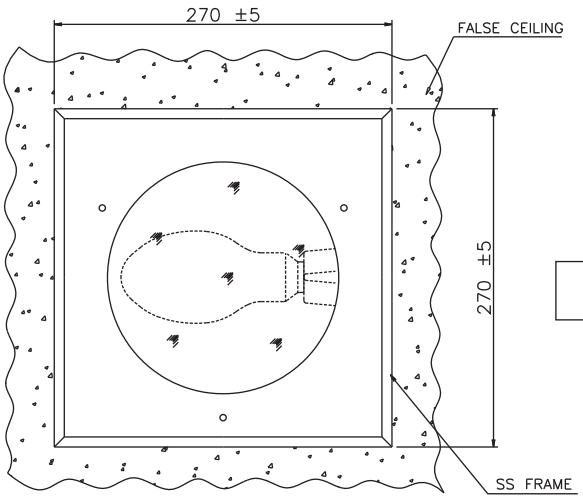
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL AT EXTRA COST :
1) DOUBLE COMPRESSION CABLE GLAND AND STOPPER (BNP/SS)
2) S.S. FRAME FOR FRONT SIDE



BOTTOM OPENABLE





FALSE CEILING CUT OUT
245 x 245 ±5mm

SINCE 1974

Flameproof & Weatherproof Flush Mounting Start-stop Push Button

Technical Data : PB 61202

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINIUM ALLOY

RATING & SURFACE TEMP. CLASS :
10A, 550V, AC, 50/60 Hz & T6

COMPONENTS :
A) CONTACT ELEMENT 10A, 500V AC
B) STOP PUSH BUTTON RED SHROUDED WITH "1NC" CONTACT - 01 No
C) START PUSH BUTTON GREEN SHROUDED WITH "1NO" CONTACT - 01 No
D) 4 WAY TERMINAL BLOCK - 1 No.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

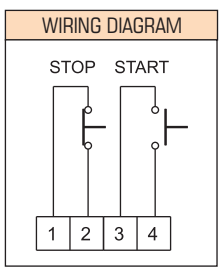
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

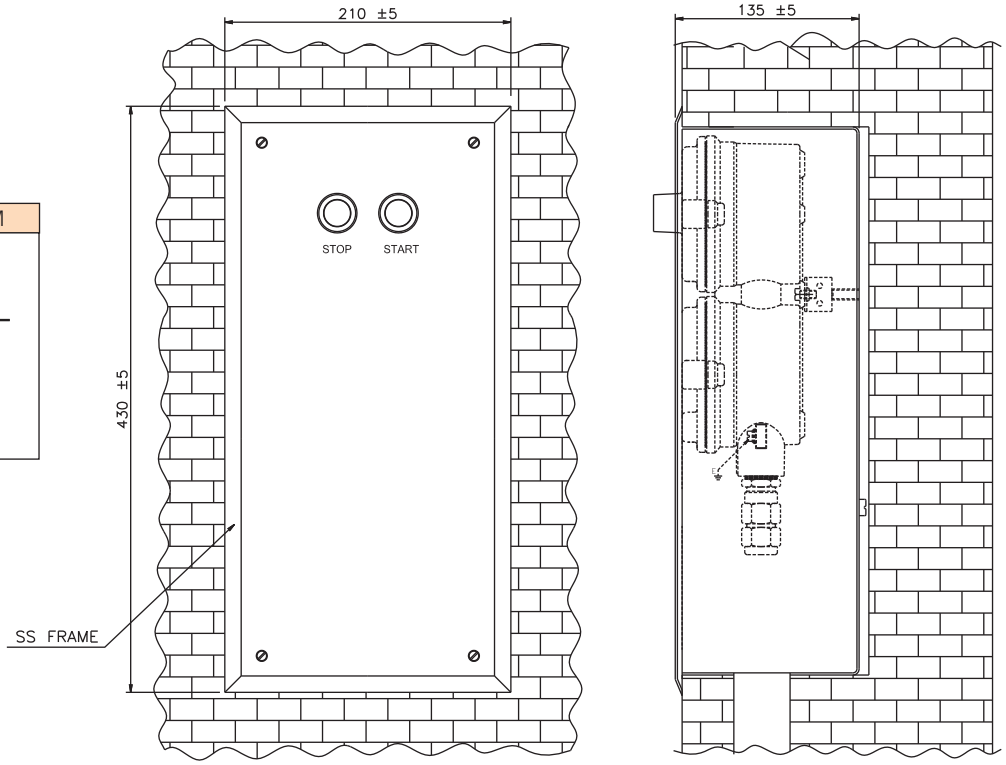
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CABLE GLAND & STOPPER
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT



CUT OUT SIZE
405 x 185 ±3mm





Flameproof & Weatherproof Flush Mounting Rotary/Selector Switch

Technical Data : PB61207

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINIUM ALLOY

RATING & SURFACE TEMP. CLASS :
UPTO 32A, 550V, AC, 50/60 Hz & T6

COMPONENTS :
A) ON-FF SWITCH, UPTO 32A, 415V AC - 1 No.
B) 4 WAY TERMINAL BLOCK - 1 No.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

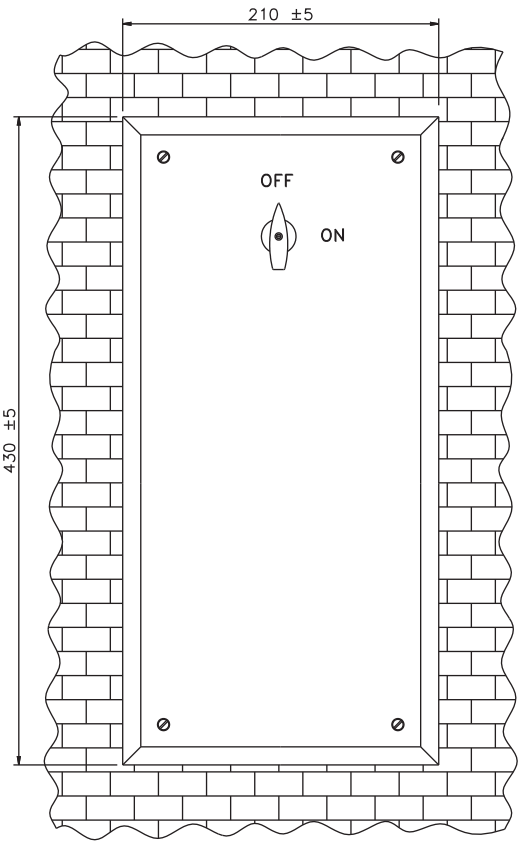
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE

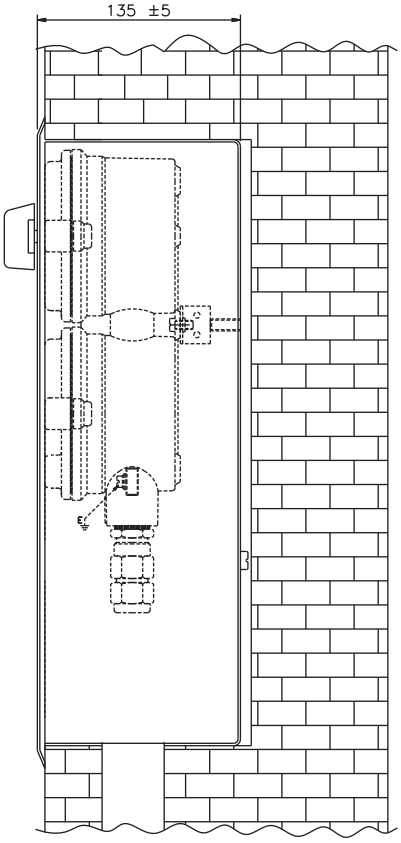
CABLE ENTRY :
M20 x 2 Nos.

OPTIONAL ACCESSORIES AT EXTRA COST :
1) CABLE GLAND & STOPPER
2) PAINT SHADE AS PER CUSTOMER REQUIREMENT

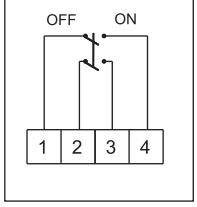


CUT OUT SIZE
405 x 185 ±3mm





WIRING DIAGRAM



SINCE 1974

Flameproof & Weatherproof Flush Mounting Switch Socket Combined

Technical Data : PB 61204

ENCLOSURE :
Ex-d, GAS Gr. IIA, IIB & IIC AS PER IS/IEC 60079-1

PROTECTION :
IP-65 AS PER IS/IEC 60529

AREA CLASSIFICATION :
ZONE -1 & 2

CERTIFICATION :
CIMFR/TC/SR/1268
CIMFR/TC/S/H136

MATERIAL OF CONSTRUCTION :
PRESSURE DIE CAST ALUMINIUM ALLOY

RATING & SURFACE TEMP. CLASS :
UPTO 32A, 415V, AC, UPTO 2P+N+E, 50/60 Hz. & T6

COMPONENTS :
A) SWITCH, UPTO 32A, DP 415V - 1 No.
B) MATCHING PLUG & SOCKET 3/4/5 PIN - 1 No.
C) TERMINALS, CLIPON TYPE RAIL MOUNTED 4/6 Sq.mm.

FINISH :
DARK ADMIRALTY GREY EPOXY POWDER COATED SHADE 632 AS PER IS:5

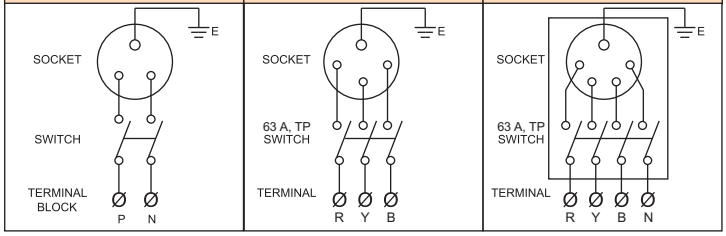
EARTHING :
1 No. INSIDE & 2 Nos. OUTSIDE,

CABLE ENTRY :
M20 x 2 Nos.

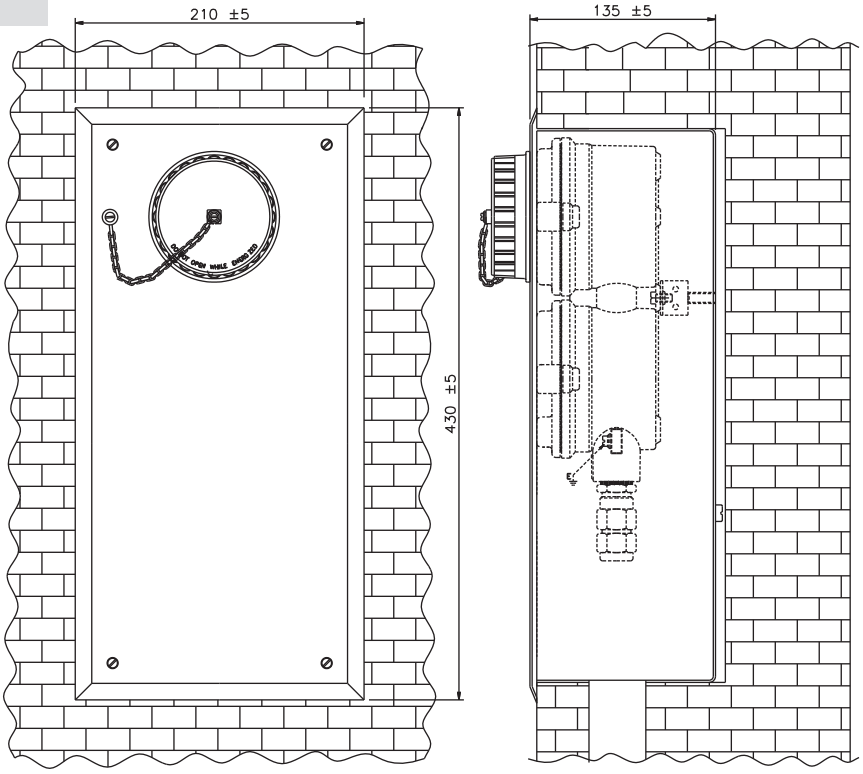
SPECIAL FEATURES :
THIS UNIT IS FLAMEPROOF INTERLOCKED. SWITCH CAN NOT BE PUT "ON" UNLESS PLUG IS FULLY INSERTED AND ROTATED CLOCKWISE OR PLUG CAN NOT BE PULLED OUT UNLESS SWITCH IS PUT "OFF" BY ROTATING THE PLUG IN THE ANTICLOCKWISE DIRECTION.

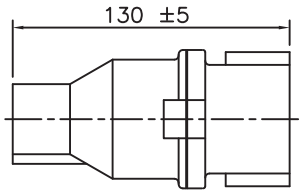


WIRING DIAGRAM



CUT OUT SIZE
405 x 185 ±3mm





PLUG DETAIL

SINCE 1974

JUNCTION BOX

● TYPE NO. IJ 61100LD
(INTERNAL DIAMETER 96 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

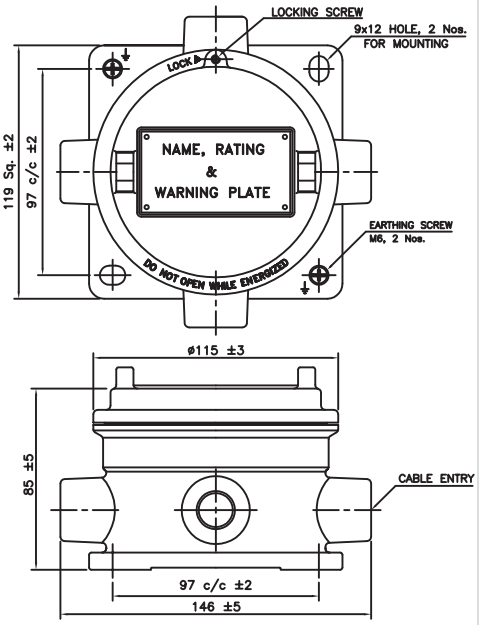
B) MOC :
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY :
M25 x 4 Nos. (Max.)

D) TERMINALS :
CLIPON TYPE 6 Sq. mm x 7 Nos. (Max.)

E) RATING :
UPTO 32A, 550V AC, 50/60 Hz.

NOTE :
WITH GLASS WINDOW IN SWITCH GEAR PART.
TYPE NO. IJ 61100LDG.





Approval:
ATEX / IECEx / PESO

● TYPE NO. IJ 63080
(INTERNAL DIAMETER 76 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

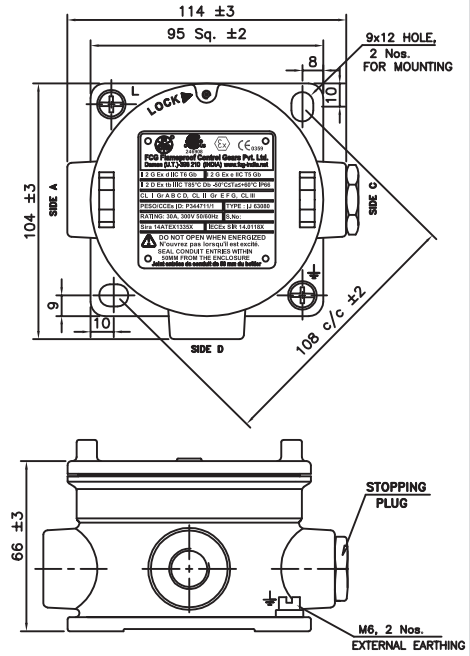
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC :
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY :
M20 x 4 Nos. (Max.)

D) TERMINALS :
CLIPON TYPE 6 WAY TERMINAL BLOCK

E) RATING :
30A, 300V AC, 50/60 Hz





Approval:
cCSAus / ATEX / IECEx

ATEX / IECEx / PESO

SINCE 1974

• TYPE NO. IJ 61125LD (INTERNAL DIAMETER 122 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

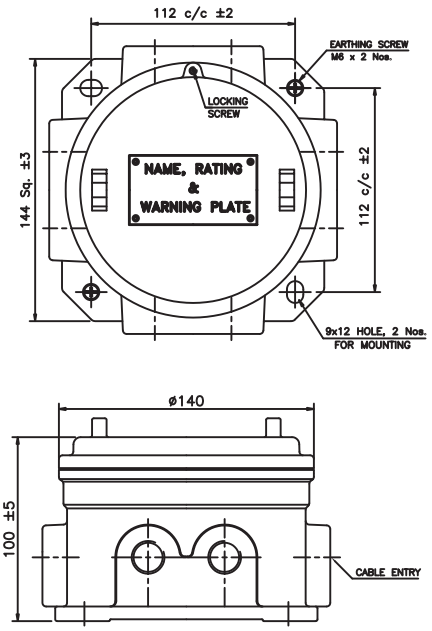
B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
M25 x 8 Nos. (Max)

D) TERMINALS:
CLIPON TYPE 10 Sq. mm x 6 Nos. (Max)

E) RATING:
UPTO 63A, 550V AC, 50/60 Hz.

NOTE :
WITH GLASS WINDOW IN SWITCH GEAR PART.
TYPE NO. IJ 61125LDG.





Approval:
ATEX / IECEx / PESO

• TYPE NO. IJ 61170 (INTERNAL DIAMETER 165 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

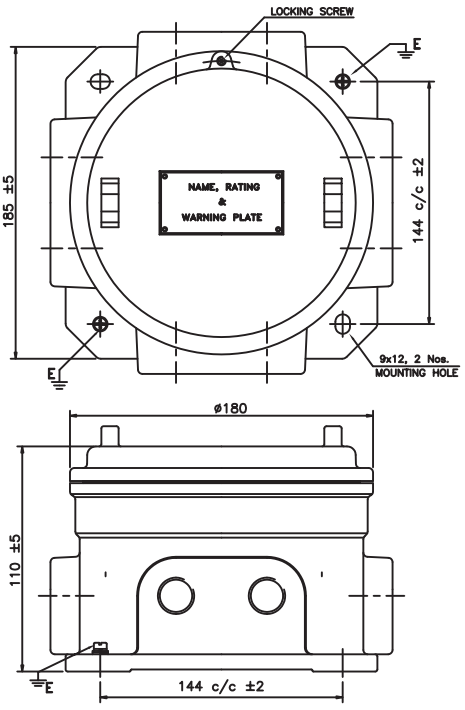
B) MOC :
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY :
M40 x 4 Nos. (Max)

D) TERMINALS :
CLIPON TYPE 16 Sq. mm x 8 Nos. (Max)

E) RATING :
UPTO 100A, 550V AC, 50/60 Hz.

NOTE :
WITH GLASS WINDOW IN SWITCH GEAR PART.
TYPE NO. IJ 61170LDG.





Approval:
ATEX / IECEx / PESO

SINCE 1974

● TYPE NO. IJ 61204LD
(INTERNAL DIMENSION 206 x 206 x 90 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

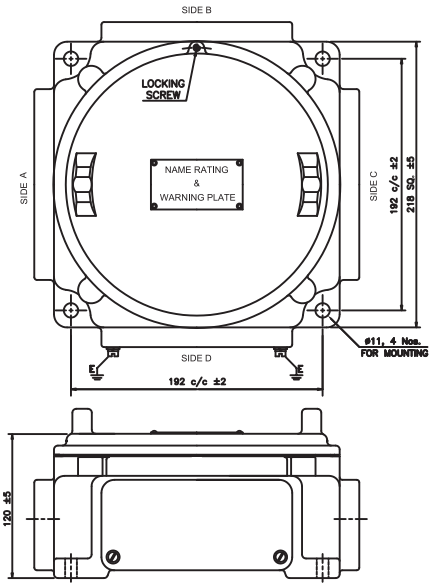
B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
M40 x 8 Nos. (Max.)

D) TERMINALS:
CLIPON TYPE 35 Sq. mm x 6 Nos. (Max.)

E) RATING:
UPTO 125A, 550V AC, 50/60 Hz.

NOTE :
WITH GLASS WINDOW IN SWITCH GEAR PART.
TYPE NO. IJ 61170LDG.





Approval:
ATEX / IECEx / PESO

● TYPE NO. IJ 61265
(INTERNAL DIMENSION 290 x 290 x 175 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

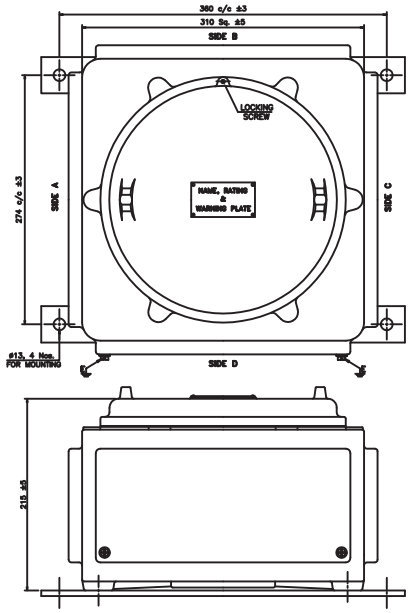
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
M50 x 24 Nos. (Max.)

D) TERMINALS:
CLIPON TYPE 95 Sq. mm x 4 Nos. (Max.)

E) RATING:
UPTO 200A, 550V AC, 50/60 Hz.





Approval:
ATEX / IECEx / PESO

CE ATEX / IECEx / PESO

SINCE 1974

TYPE NO. IJ 61340LD
(INTERNAL DIMENSION 348 x 348 x 140 mm)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

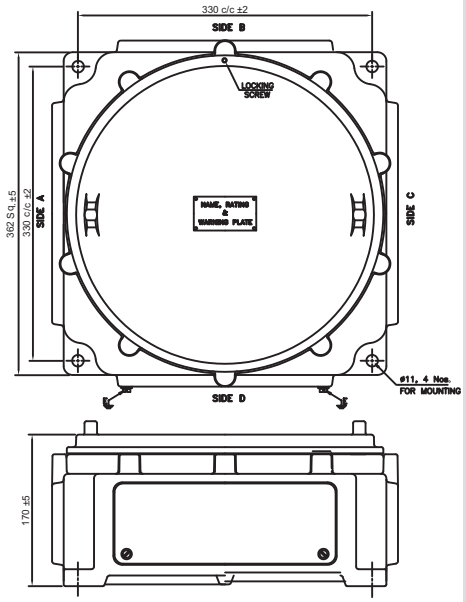
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

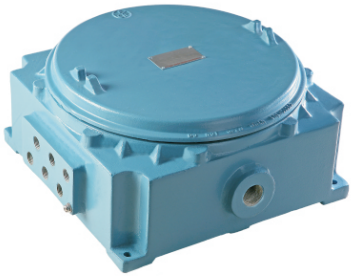
C) ENTRY:
M90 x 8 NOS. (Max.)

D) TERMINALS:
CLIPON TYPE 95 Sq. mm x 4 Nos. (Max.)

E) RATING:
UPTO 250A, 550V AC, 50/60 Hz.



H- STD. LOW DOME WITH 170 mm
H- HIGH DOME WITH 240 mm



Approval:
ATEX / IECEx / PESO

TYPE NO. IJ 61400, IJ 61500 & 61600

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

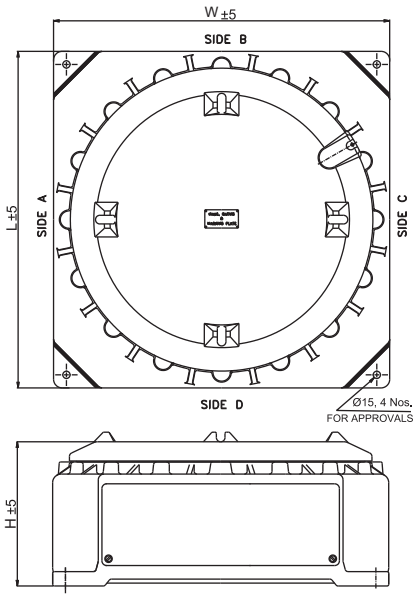
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

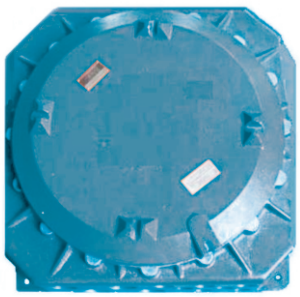
C) ENTRY:
M90 x 8 NOS. (Max.)

D) TERMINALS:
CLIPON TYPE 95 Sq. mm x 4 Nos. (Max.)

E) RATING:
UPTO 250A, 550V AC, 50/60 Hz.



H- STD. LOW DOME WITH 170 mm
H- HIGH DOME WITH 240 mm



Approval:
ATEX / IECEx / PESO

SINCE 1974

- **TYPE NO. DB 31340**

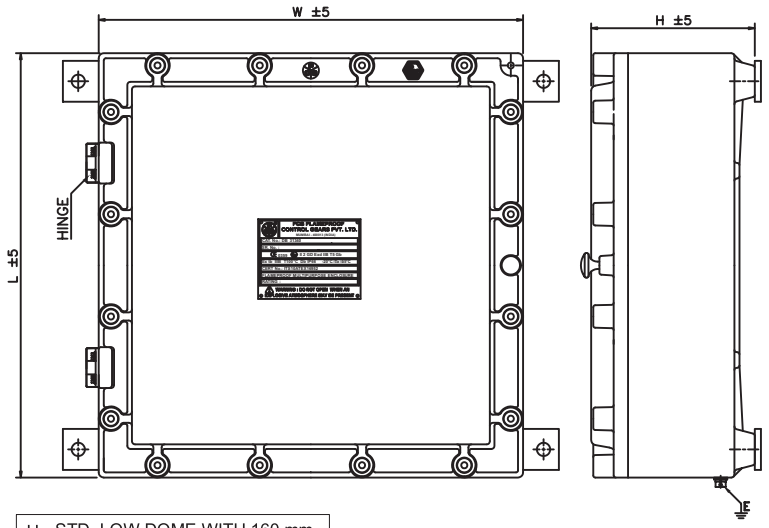
A) PROTECTION :
ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
AS PER TABLE BELOW

D) TERMINALS:
AS PER TABLE BELOW

E) RATING:
AS PER TABLE BELOW



H - STD. LOW DOME WITH 160 mm
H - HIGH DOME WITH 200 mm

Approval:
ATEX / PESO

SIZE	DIMENSION (mm)	ENTRY (Max.)	CLIPON TYPE TERMINALS (Max.)	RATING
DB 31340 A	415 (L) x 415 (W)	M75 x 8 Nos.	120 Sq. mm x 7 Nos.	200A, 690V AC, 50/60 Hz or 250V DC.
DB 31340 B	415 (L) x 270 (W)	M75 x 6 Nos.	95 Sq. mm x 7 Nos.	200A, 690V AC, 50/60 Hz or 250V DC.
DB 31340 C	290 (L) x 250 (W)	M75 x 4 Nos.	35 Sq. mm x 6 Nos.	100A, 690V AC, 50/60 Hz or 250V DC.
DB 31340 AB	415 (L) x 545 (W)	M75 x 10 Nos.	120 Sq. mm x 7 Nos.	250A, 690V AC, 50/60 Hz or 250V DC.
DB 31340 AA	415 (L) x 845 (W)	M75 x 12 Nos.	120 Sq. mm x 15 Nos.	250A, 690V AC, 50/60 Hz or 250V DC.

SINCE 1974

- **TYPE NO. PGRC... SERIES**

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

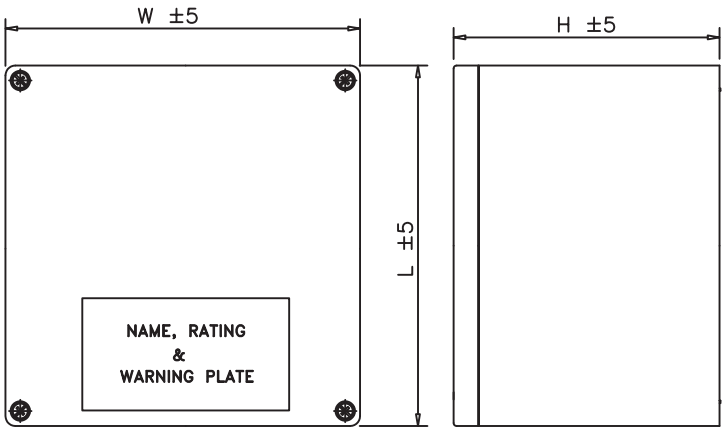
B) MOC:
GLASS REINFORCED POLYSTER

C) ENTRY:
AS PER TABLE BELOW

D) TERMINALS:
AS PER TABLE BELOW

E) RATING:
AS PER TABLE BELOW





Approval: ATEX

ENCLOSURES TYPE No.	CURRENT RATING	BASE SIZE mm	ENTRY (Max.)	CLIPON TYPE TERMINALS
P GR C 12 12 09	16A	120x122x065	M32 x 4 Nos.	6 Sq.mm x 4 Nos.
P GR C 12 22 09	20A	120x220x065	M32 x 8 Nos.	10 Sq.mm x 10 Nos.
P GR C 16 16 09	20A	160x160x070	M40 x 6 Nos.	10 Sq.mm x 10 Nos.
P GR C 16 26 09	33A	160x260x070	M40 x 10 Nos.	16 Sq.mm x 8 Nos.
P GR C 25 25 12	60A	250x255x095	M63 x 8 Nos.	35 Sq.mm x 6 Nos.
P GR C 25 40 12	120A	250x400x095	M63 x 10 Nos.	95 Sq.mm x 5 Nos.
P GR C 25 40 16	120A	250x400x095	M63 x 10 Nos.	95 Sq.mm x 6 Nos.
P GR C 30 42 16	160A	300x420x128	M75 x 8 Nos.	120 Sq.mm x 6 Nos.
P GR C 30 42 19	250A	300x420x128	M75 x 8 Nos.	240 Sq.mm x 4 Nos.
P GR C 36 36 12	92A	360x360x090	M40 x 18 Nos.	70 Sq.mm x 8 Nos.
P GR C 36 72 22	250A	360x720x185	M100 x 12 Nos.	240 Sq.mm x 7 Nos.
P GR C 37 42 21	250A	370x420x158	M90 x 8 Nos.	240 Sq.mm x 4 Nos.
P GR C 40 40 12	92A	405x400x095	M63 x14 Nos.	70 Sq.mm x 8 Nos.
P GR C 42 60 21	250A	420x600x165	M100 x 10 Nos.	240 Sq.mm x 9 Nos.

SINCE 1974

TYPE NO. JBE... SERIES

A) PROTECTION :
ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+ 60°C) IP66

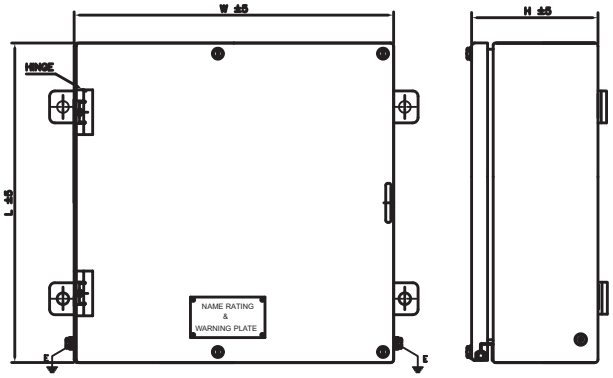
B) MOC:
STAINLESS STEEL & MILD STEEL

C) ENTRY:
AS PER TABLE BELOW

D) TERMINALS:
AS PER TABLE BELOW

E) RATING:
AS PER TABLE BELOW





Approval: ATEX

SIZE	DIMENSION (mm)	ENTRY (Max.)	CLIPON TYPE TERMINALS (Max.)	RATING
JBE SS 15 15 10	150(L) x 150(W) x 100(H)	M25 x 12 Nos.	6 Sq. mm x 10 Nos. .	25A,500V AC/ 250 V DC
JBE SS 20 20 12	200(L) x 200(W) x 120(H)	M40 x 8 Nos.	6 Sq. mm x 12 Nos.	25A, 500V AC/ 250 V DC
JBE SS 20 30 12	200(L) x 300(W) x 120(H)	M40 x 10 Nos.	10 Sq. mm x 8 Nos.	45A, 550V AC/ 250 V DC
JBE SS 30 30 12	300(L) x 300(W) x 120(H)	M40 x 12 Nos.	95 Sq. mm x 6 Nos.	125A, 550V AC/ 250 V DC
JBE SS 30 40 16	300(L) x 400(W) x 160(H)	M75 x 10 Nos.	95 Sq. mm x 6 Nos.	125A, 550V AC/ 250 V DC
JBE SS 40 50 16	400(L) x 500(W) x 160(H)	M75 x 14 Nos.	95 Sq. mm x 10 Nos.	125A, 550V AC/ 250 V DC
JBE SS 50 60 21	500(L) x 600(W) x 210(H)	M100 x 12 Nos.	120 Sq. mm x 10 Nos.	200A, 550V AC/ 250 V DC
JBE SS 50 75 21	500(L) x 750(W) x 210(H)	M100 x 14 Nos.	120 Sq. mm x 10 Nos.	200A, 550V AC/ 250 V DC
JBE SS 80 100 30	800(L) x 1000(W) x 300(H)	M100 x 24 Nos.	120 Sq. mm x 20 Nos.	200A, 550V AC/ 250 V DC

SINCE 1974

SWITCH GEAR

TYPE NO. PB 61...SERIES

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) Ip66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

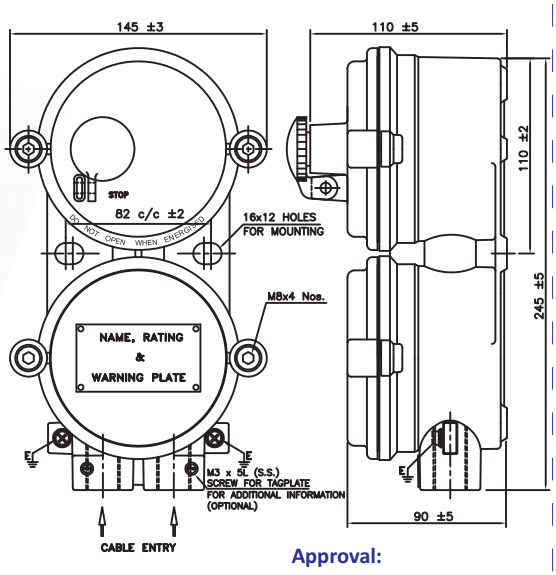
B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
M25 x 2 Nos. (Max.)

E) RATING:
UPTO 32A, 550V AC 50/60 Hz.

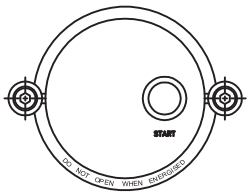
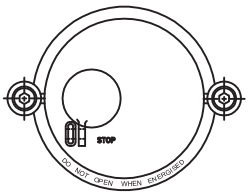
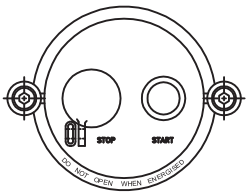
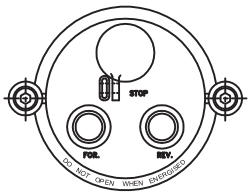
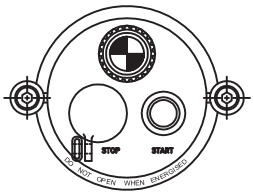
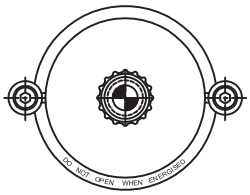
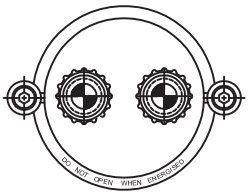
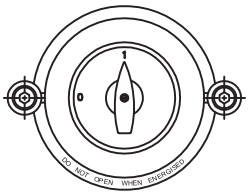
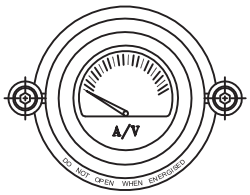
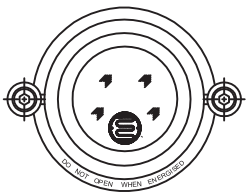
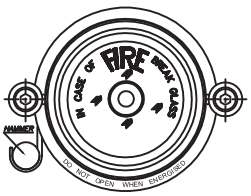
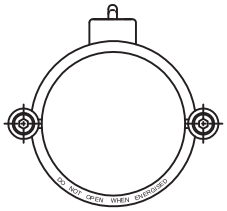
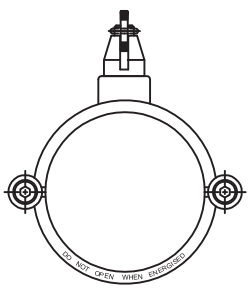
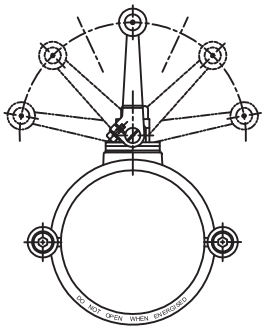
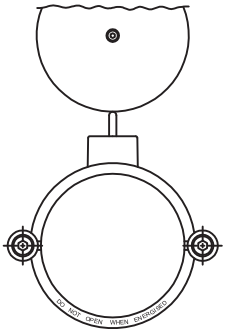
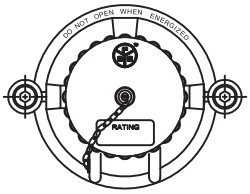
D) TERMINALS:
CLIPON TYPE 2.5 Sq. mm x 8 Nos. (Max.)





Approval:
ATEX / IECEx / PESO

VARIATIONS:

 PB 61201	 PB 61201	 PB 61202	 PB 61203
 PB 61204	 PB 61205	 PB 61206	 PB 61207
 PB 61208	 PB 61208	 PB 61209	 PB 61209
 PB 61211	 PB 61212	 PB 61213	32A SWITCH SOCKET WITH PLUG  PB 61254

ATEX / IECEx / PESO

SINCE 1974

TYPE NO. PA 61000

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

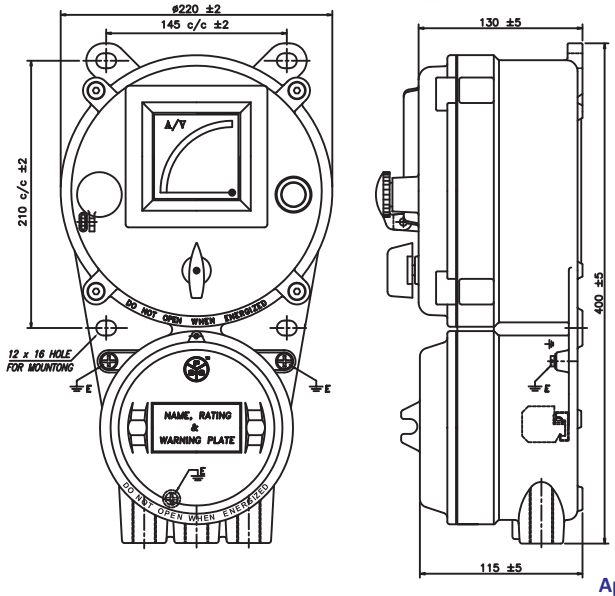
B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) ENTRY:
M25 x 3 Nos. (Max.)

D) RATING:
UPTO 63A, 550V AC 50/60 Hz.

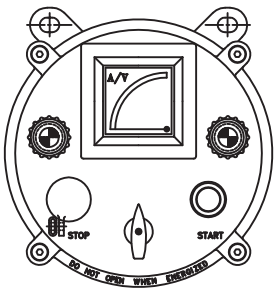
E) TERMINALS:
CLIPON TYPE 2.5 Sq. mm x 14 Nos. (Max.)



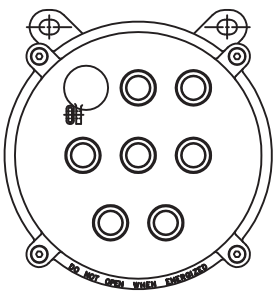


Approval:
ATEX / IECEx / PESO

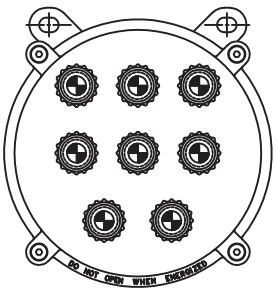
VARIATIONS:



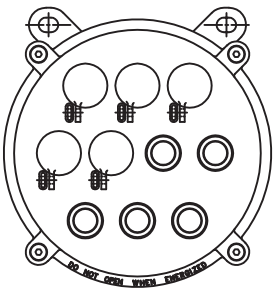
PA 61000



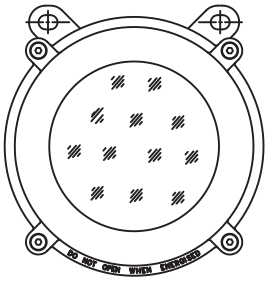
PA 61000



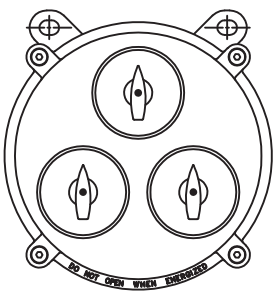
PA 61000



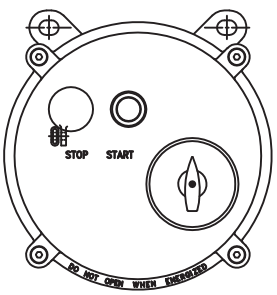
PA 61000



PA 61000

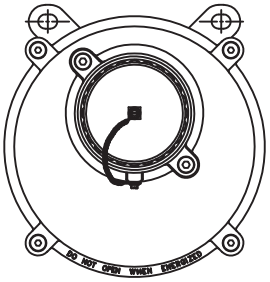


PA 61000



PA 61000

32A SWITCH SOCKET WITH PLUG



RP 61325

SINCE 1974

TYPE NO. RS 61635
(63A SWITCH SOCKET WITH PLUG)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

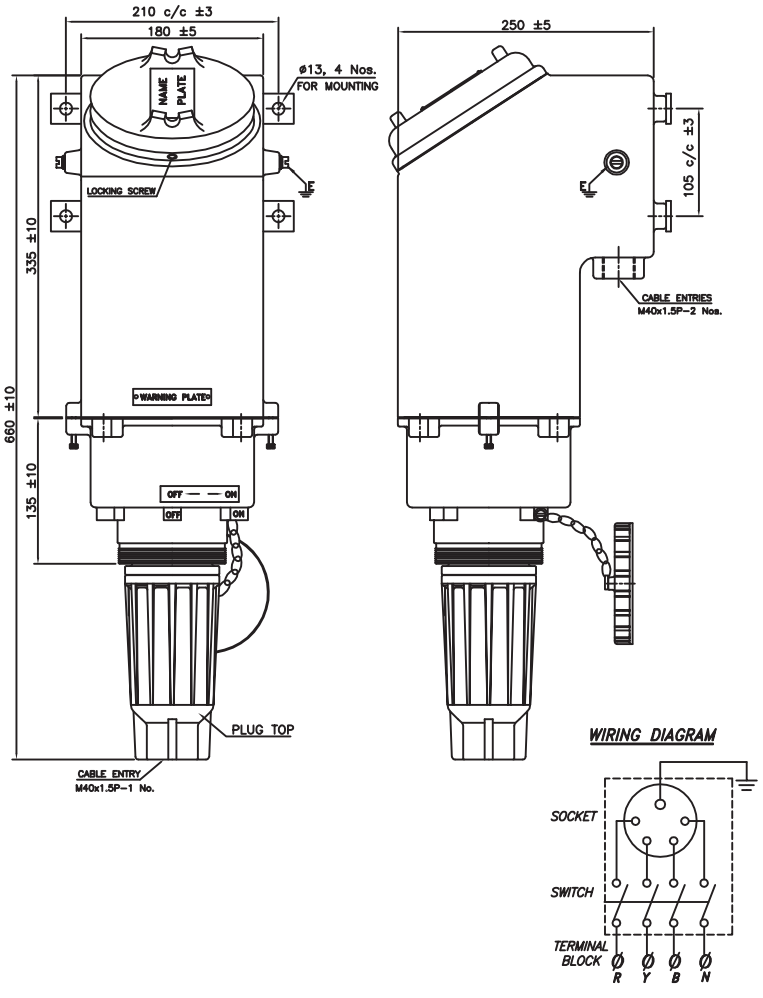
B) MOC:
CAST ALUMINUM,
ALLOY STAINLESS STEEL & CAST IRON

C) ENTRY:
M40 x 2 No. IN SOCKET & M40 x 1 No. IN PLUG TOP. ALSO AVAILABLE IN EQUIVALENT ET/NPT THREAD

D) COMPONENTS:
1) SWITCH UPTO 63A, 440V AC – 1 No.
2) MATCHING PLUG (3P+N+E) – 1 No.
3) SOCKET (3P+N+E) – 1 No.
4) STUD TYPE TERMINALS 4 Nos. (Max.)

E) RATING:
UPTO 63A, 440V AC 50/60 Hz.





Approval: **ATEX / IECEx**

ATEX / IECEx / PESO

SINCE 1974

LIGHT FIXTURE

TYPE NO. LW 61200
(NON-INTEGRAL WELL GLASS)



A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

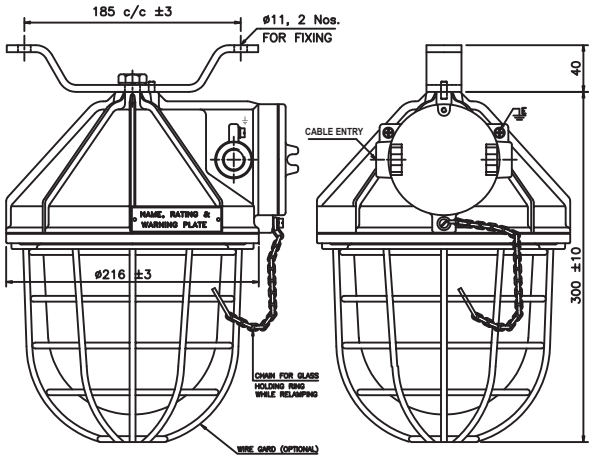
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM
ALLOY STAINLESS STEEL & CAST IRON

C) ENTRY:
M20 x 2 Nos.

D) SUITABLE LAMP DETAILS:
80/125W HPMV (T4), 70W HPSV (T4),
70/150W MH (T4), 160W MLL (T4),
200W GLS (T4), 2x18/26W CFL (T5),
15W AVIATION (T6)

E) RATING:
250V AC 50/60 Hz.



TYPE NO. LC 61400
(CONTROL GEAR BOX)



A) PROTECTION :

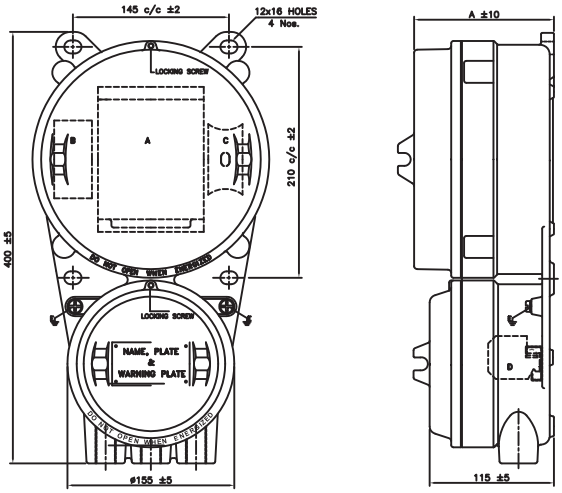
ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM
ALLOY STAINLESS STEEL & CAST IRON

C) ENTRY:
M20 x 3 Nos.

D) SUITABLE LAMP DETAILS:
UPTO 400W HPMV / HPSV / MH LAMP

E) RATING:
UPTO 250V AC 50/60 Hz.



Approval: **ATEX**

ATEX / IECEx / PESO

SINCE 1974

TYPE NO. LW 61125
(INTEGRAL WELL GLASS)

A) PROTECTION :

ATEX : Ⓔx II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

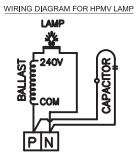
B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

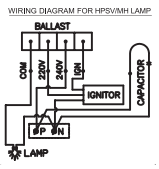
C) ENTRY:
M20 x 2 Nos.

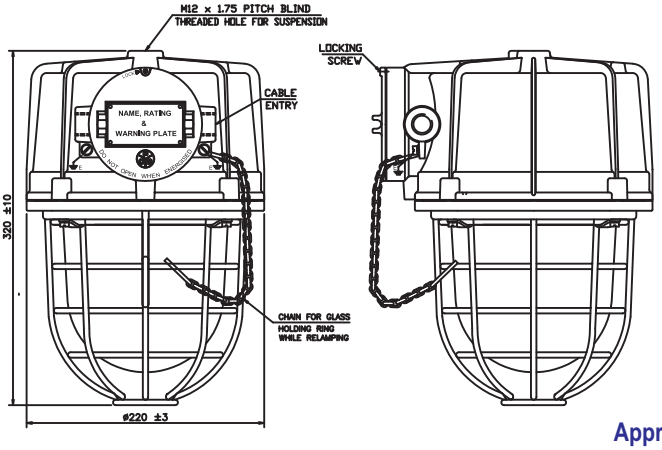
D) SUITABLE LAMP DETAILS:
125W HPMV (T4), 70W MH (T4),
80 HPMV (T4), 70 HPMV (T4),
UPTO 75W NEON SPIRAL LAMP (T6),
UPTO 55W FLASHER/ROTATING BECON LAMP (T6),

E) RATING:
250V AC 50/60 Hz.









Approval: **ATEX**

TYPE NO. LH 61060
(HAND LAMP)

A) PROTECTION :

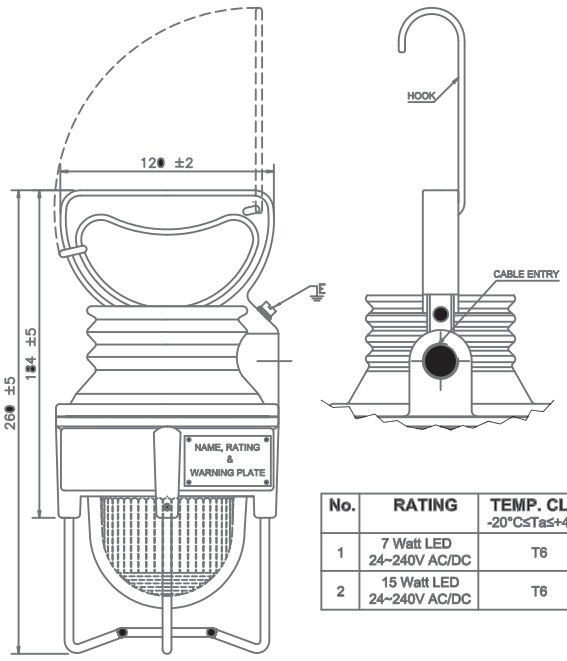
ATEX : Ⓔx II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM
ALLOY STAINLESS STEEL & CAST IRON

C) ENTRY:
M20 x 1 No.

E) RATING & TEMP. CLASSIFICATION :
AS PER TABLE





No.	RATING	TEMP. CLASSIFICATION -20°C≤Ta≤+40°C	-20°C≤Ta≤+55°C
1	7 Watt LED 24~240V AC/DC	T6	T5
2	15 Watt LED 24~240V AC/DC	T6	T5

Approval: **ATEX**

SINCE 1974

TYPE NO. NLLK 2010...SERIES (TUBE LIGHT)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

B) MOC:
GLASS REINFORCED POLYSTER

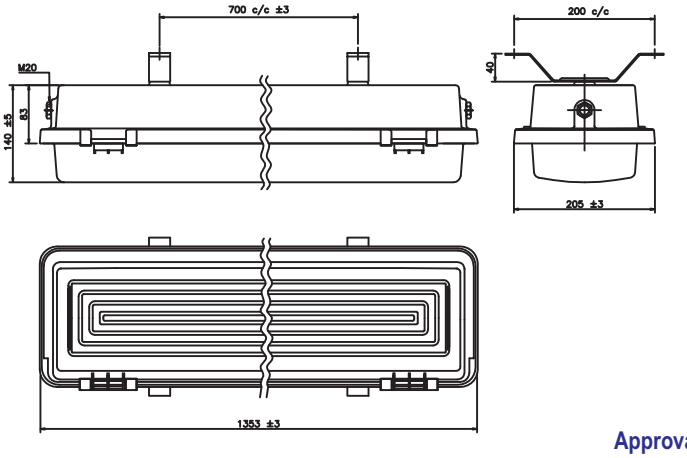
C) ENTRY:
M20 x 2 Nos.

D) SUITABLE LAMP DETAILS:
1x36/40W. FTL at 250V. AC
2x36/40W. FTL at 250V. AC
1x18/20W. FTL at 250V. AC
2x18/20W. FTL at 250V. AC
2 x 36W CFL at 250V. AC
1x28W (T5) FTL at 250V. AC
2x28W (T5) FTL at 250V. AC

E) RATING:
0.2A, 240V AC 50/60 Hz.

F) NOTE:
ALSO AVAILABLE WITH EMERGENCY MODE WITH RECHARGEABLE BATTERY BACK-UP.





Approval:
ATEX / IECEx

TYPE NO. AFL 31400 (INTEGRAL FLOOD LIGHT)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

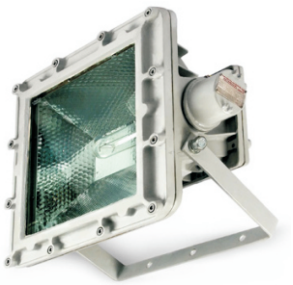
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

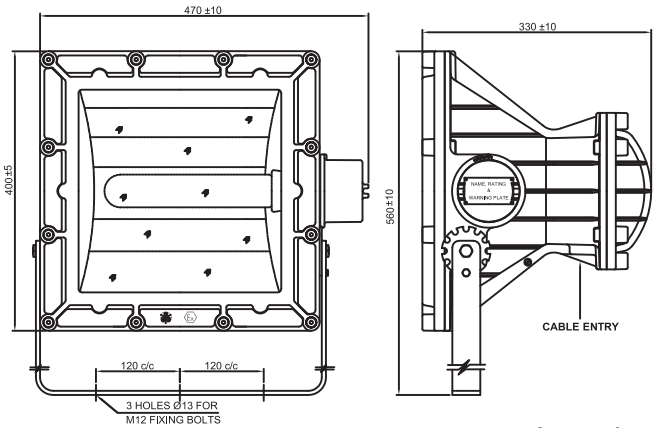
B) MOC:
CAST ALUMINUM ALLOY

C) ENTRY:
M20 X 1 No.

D) SUITABLE LAMP DETAILS:
250W HPMV, 400W HPMV,
250W HPSV, 400W HPSV,
150W MH, 250W MH,
400W MH, 500W LINEAR / HALOGEN

E) RATING:
240V AC, 50/60Hz





Approval:
ATEX / IECEx / PESO

SINCE 1974

CONDUIT ACCESSORIES

TYPE NO. G_6...SERIES (DOUBLE COMPRESSION CABLE GLAND)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

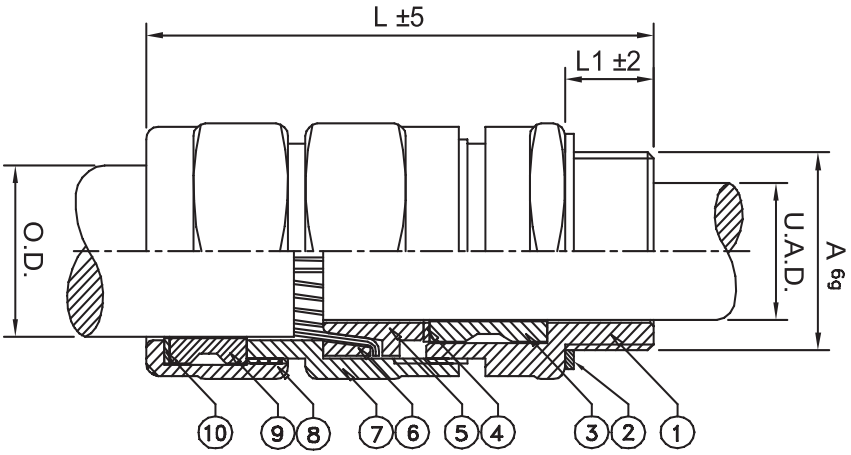
B) MOC:
BRASS NICKEL PLATED, STAINLESS STEEL, ALUMINUM, CAST IRON, MILD STEEL

C) THREAD SIZE:
FROM 3/4 " ET or ½ " NPT or M20 TO 4"ET or 3.1/2" NPT or M100



Approval: ATEX / IECEx

No.	DESCRIPTION
1	NIPPLE
2	GASKET
3	INNER COMPRESSION GROMMET
4	WASHER
5	CONE FOR CLAMPING
6	TAPPER RING FOR ARMOUR CLAMPING
7	CABLE GLAND BODY
8	COMPRESSION RING
9	OUTER COMPRESSION GROMMET
10	WASHER



SR. No.	THREADS SIZE OF CABLE GLAND "A"		DIMENSIONS A/F	L ±3	L1 ±2	INNER SHEATH Min.	INNER SHEATH Max.	OUTER SHEATH Min.	OUTER SHEATH Max.	ARMOUR ACCEPTANCE RANGE WIRE	ARMOUR ACCEPTANCE RANGE TAPE ARMOUR
01	3/4"ETx16 TPI OR 1/2"BSP/NPTx14 TPI OR M20x1.5 P OR PG 11/13.5x1.41 P	MINI	22	85	18	4.0	9.0	8.0	13.5	9.0	0.15 – 0.35
		STD.	25	85	18	6.0	11.0	12.0	17.0	9.0 – 1.25	0.15 – 0.35
		BIG	30	85	18	8.0	13.5	15.0	21.0	9.0 – 1.25	0.15 – 0.50
02	1"ET x 16 TPI OR 3/4"BSP/NPTx14 TPI OR M25 x 1.5 P OR Pg 16 x 1.41 P	STD.	32	85	18	11.0	16.0	15.0	21.0	1.25 – 1.60	0.15 – 0.50
		BIG	38	85	18	13.0	19.0	20.0	25.0	1.25 – 1.60	0.15 – 0.50
03	1.1/4"ETx16 TPI OR 1"BSP/NPTx11/11.5 TPI OR M32 x 1.5 P OR Pg 21 x 1.588 P	STD.	42	95	20	17.0	22.0	20.0	27.0	1.60 – 2.0	0.15 – 0.55
		BIG	46	95	20	18.0	25.0	26.0	30.0	1.60 – 2.0	0.15 – 0.55
04	1.1/2"ETx14 TPI OR 1.1/4"BSP/NPTx11 / 11.5 TPI OR M40x1.5 P OR Pg 29x1.588 P	STD.	46	100	25	20.0	27.0	28.0	34.0	1.60 – 2.0	0.20 – 0.60
		BIG	50	100	25	25.0	31.0	32.0	37.0	1.60 – 2.0	0.20 – 0.60
05	2"ETx14 TPI OR 1.1/2"BSP/NPTx11/11.5 TPI or M50x1.5 P OR PG 36/42x1.588 P	MINI	57	105	25	27.0	34.0	36.0	40.0	2.0 – 2.5	0.20 – 0.80
		STD.	62	105	25	31.0	37.5	39.0	45.0	2.0 – 2.5	0.20 – 0.80
		BIG	70	105	25	37.0	43.0	42.0	52.0	2.0 – 2.5	0.20 – 0.80
06	2.1/2"ETx14 TPI OR 2"BSP/NPTx11/11.5 TPI OR M60x1.5 P OR Pg 48 x 1.588 P	STD.	76	105	25	40.0	46.0	50.0	54.0	2.5	0.50 – 0.80
		BIG	82	105	25	47.0	54.0	56.0	62.0	2.5	0.50 – 0.80
07	3"ET x 14 TPI OR 2.1/2"BSP x 11 TPI OR 2.1/2" NPT x 8 TPI OR M75 x 1.5 PITCH	STD.	82	115	25	53.0	60.0	60.0	67.0	2.5	0.50 – 1.0
08	3.1/2"ET x 14 TPI OR 3"BSP x 11 TPI OR 3" NPT x 8 TPI OR M90 x 2 PITCH	STD.	97	135	25	66.0	75.0	75.0	84.0	3.15	0.50 – 1.0
09	4"ET x 14 TPI OR 3.1/2"BSP x 11 TPI OR 3.1/2" NPT x 8 TPIOR M100 x 2 PITCH	STD.	116	135	25	82.0	92.0	92.0	100.0	3.15	0.50 – 1.0

SINCE 1974

TYPE NO. BR6...SERIES (BREATHER / DRAIN PLUG)

A) PROTECTION :

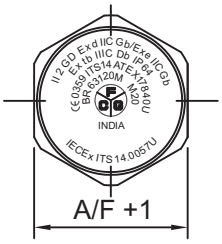
ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

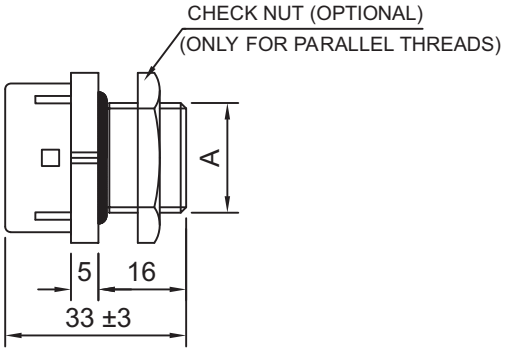
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

B) MOC:
BRASS NICKEL PLATED, STAINLESS STEEL, BRONZE, MILD STEEL, ALUMINUM



Approval: ATEX / IECEx





TYPE NO. P_6... SERIES (STOPPING PLUG)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

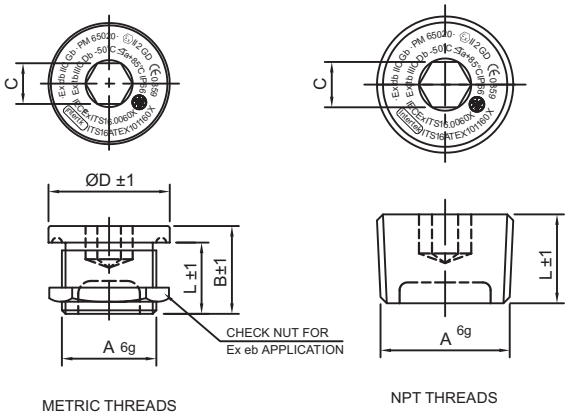
IECEX : Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤a≤+60°C) IP66

B) MOC:
BRASS NICKEL PLATED, STAINLESS STEEL, ALUMINUM & MILD STEEL

C) THREAD SIZE:
FROM 3/4 " ET or 1/2 " NPT or M20 TO 4" ET or 3.1/2" NPT or M100



Approval: ATEX / IECEx



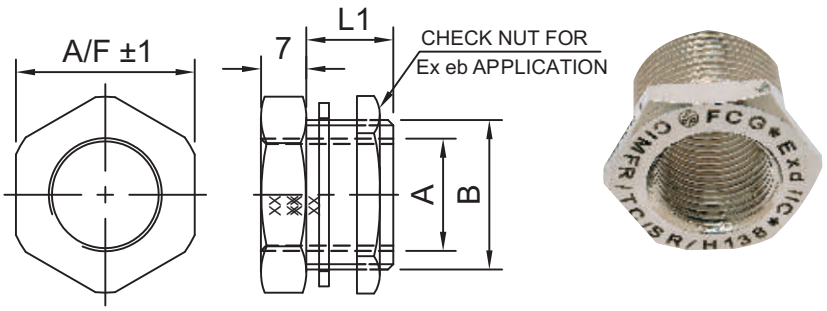
Sr. No.	SIZE OF THREADS " A"	DIMENSIONS				
		B ±1	C	ØD ±1	L ±1	ØE
01	M12x1.5P OR 1/4"NPTx18 TPI	22	6	16	18	10
02	M16x1.5P OR 3/8"NPTx18 TPI	22	8	20	18	12
03	M20x1.5P OR 1/2"NPTx14 TPI	22	10	25	18	16
04	M25x1.5P OR 3/4"NPTx14 TPI	25	12	32	20	20
05	M32x1.5P OR 1"NPTx11.5 TPI	25	14	40	20	28
06	M40x1.5P OR 1.1/4"NPTx11.5 TPI	25	14	45	20	35
07	M50x1.5P OR 1.1/2"NPTx11.5 TPI	25	14	57	20	45
08	M63x1.5P OR 2"NPTx11.5 TPI	25	14	70	20	58
09	M75x1.5P OR 2.1/2"NPTx 8 TPI	30	19	82	25	70
10	M90x2P OR 3"NPTx 8 TPI	30	19	98	25	85
11	M100x2P OR 3.1/2"NPTx 8 TPI	30	19	110	25	95

ATEX / IECEx / PESO

- **TYPE NO. IR6 Series (REDUCER)**

A) PROTECTION :
II 2 GD Ex db IIC Gb -50°C≤Ta≤+85°C
Ex tb IIIC Db -50° C≤Ta≤+85°C IP66

B) MOC:
BRASS NICKEL PLATED



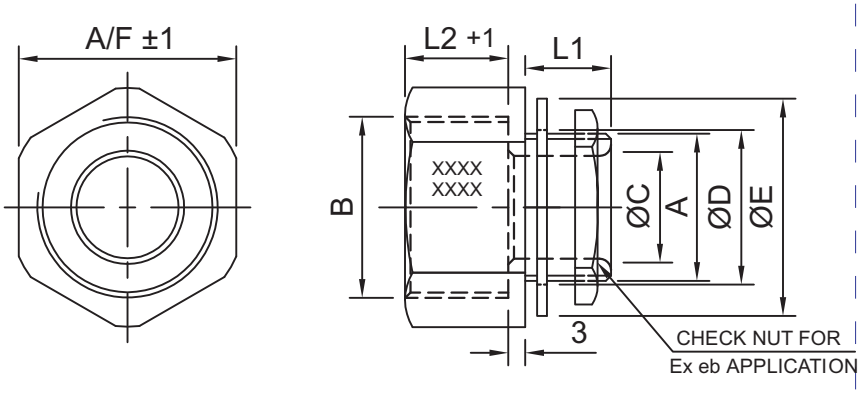
Approval: ATEX / IECEx

No.	THREADS SIZE "A"	THREADS SIZE "B"	L1	A/F	ØD	ØE
1	M16x1.5P OR 3/8"NPTx18 TPI	M20x1.5P OR 1/2"NPTx14 TPI	18	25	16	25
2	M20x1.5P OR 1/2"NPTx14 TPI	M25x1.5P OR 3/4"NPTx14 TPI	18	32	20	30
3	M25x1.5P OR 3/4"NPTx14 TPI	M32x1.5P OR 1"NPTx11.5 TPI	18	42	25	40
4	M32x1.5P OR 1"NPTx11.5 TPI	M40x1.5P OR 1.1/4"NPTx11.5 TPI	20	46	32	44
5	M40x1.5P OR 1.1/4"NPTx11.5 TPI	M50x1.5P OR 1.1/2"NPTx11.5 TPI	25	57	40	55
6	M50x1.5P OR 1.1/2"NPTx11.5 TPI	M63x1.5P OR 2"NPTx11.5 TPI	25	72	50	70
7	M63x1.5P OR 2"NPTx11.5 TPI	M75x1.5P OR 2.1/2"NPTx8 TPI	25	85	63	85
8	M75x1.5P OR 2.1/2"NPTx8 TPI	M90x2 PITCH OR 3" NPTx8 TPI	25	90	75	90
9	M90x2 PITCH OR 3" NPTx8 TPI	M100x2 PITCH OR 3.1/2"NPTx8 TPI	25	115	90	110

- **TYPE NO. RS 65M07NF25M (ADAPTER)**

A) PROTECTION :
II 2 GD Ex db IIC Gb -50°C≤Ta≤+85°C
Ex tb IIIC Db -50° C≤Ta≤+85°C IP66

B) MOC:
BRASS NICKEL PLATED



Approval: ATEX / IECEx

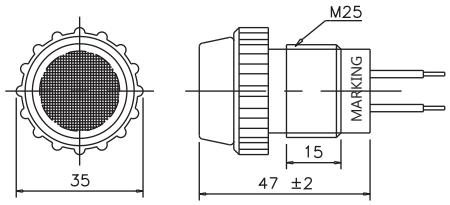
SL. No.	THREADS SIZE "A"	THREADS SIZE "B"	ØC	L1	L2	A/F	ØD	ØE
1	M16x1.5P OR 3/8"NPTx18 TPI	M20x1.5P OR 1/2"NPTx14 TPI	10	18	20	25	16	25
2	M20x1.5P OR 1/2"NPTx14 TPI	M25x1.5P OR 3/4"NPTx14 TPI	14	18	20	32	20	30
3	M25x1.5P OR 3/4"NPTx14 TPI	M32x1.5P OR 1"NPTx11.5 TPI	18	18	20	42	25	40
4	M32x1.5P OR 1"NPTx11.5 TPI	M40x1.5P OR 1.1/4"NPTx11.5 TPI	25	20	22	46	32	44
5	M40x1.5P OR 1.1/4"NPTx11.5 TPI	M50x1.5P OR 1.1/2"NPTx11.5 TPI	32	25	27	57	40	55
6	M50x1.5P OR 1.1/2"NPTx11.5 TPI	M63x1.5P OR 2"NPTx11.5 TPI	42	25	27	72	50	70
7	M63x1.5P OR 2"NPTx11.5 TPI	M75x1.5P OR 2.1/2"NPTx8 TPI	54	25	27	85	63	85
8	M75x1.5P OR 2.1/2"NPTx8 TPI	M90x2 PITCH OR 3" NPTx8 TPI	65	25	27	90	75	90
9	M90x2 PITCH OR 3" NPTx8 TPI	M100x2 PITCH OR 3.1/2"NPTx8 TPI	78	25	27	115	90	110

- **TYPE NO. IR6 Series (REDUCER)**

A) PROTECTION :
II 2 GD Ex db IIC Gb -50°C≤Ta≤+85°C
Ex tb IIIC Db -50° C≤Ta≤+85°C IP66

B) MOC:
BRASS NICKEL PLATED

AVAILABLE IN RED, YELLOW, BLUE,
AMBER, GREEN & WHITE COLOUR



Approval: IECEx

- **TYPE NO. RS 65M07NF25M (ADAPTER)**

A) PROTECTION :
II 2 GD Ex db IIC Gb -50°C≤Ta≤+85°C
Ex tb IIIC Db -50° C≤Ta≤+85°C IP66

B) MOC:
BRASS NICKEL PLATED

COMPONENTS

Approval: IECEx

SINCE 1974

PANEL

- **TYPE NO. DB 31340**
  (MULTIPURPOSE PANEL)

A) PROTECTION :

ATEX : II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

B) MOC:
CAST ALUMINUM ALLOY,
STAINLESS STEEL & CAST IRON

C) RATING:
250A, 690C AC, 50/60 Hz. OR 250V DC

D) MOUNTING:
WALL OR PEDESTAL

E) TYPE OF PANELS:
CONTROL PANEL
POWER PANEL
STARTER PANEL
DISTRIBUTION BOARD PANEL



Approval: ATEX / PESO

ATEX / IECEx / PESO

SINCE 1974

TECHNICAL DATA:

TYPE NO. FCG0251... Series For 16A
FCG 0252 Series For 32A

Certification: ATEX
MARKING

Panel type socket :
Ⓔx II 2 GD Ex db eb IIC Gb
Ex tb IIIC Db IP66 -40°C≤Ta≤55°C
Wall type socket `Plug' Coupler type
Ⓔx II 2 GD Ex db eb IIC T6 Gb
Ex tb IIIC T80°C Db -40°C≤Ta≤45°C IP66
Ⓔx II 2 GD Ex db eb IIC T5 Gb
Ex tb IIIC T95°C Db -40°C≤Ta≤55°C IP66

Relevant Standard :
EN 60079

Area Of Usage:
zone 1, zone 2, zone 21 and zone 22

Degree of protection:
IP66-Panel/Couple type
IP65 - Wall type

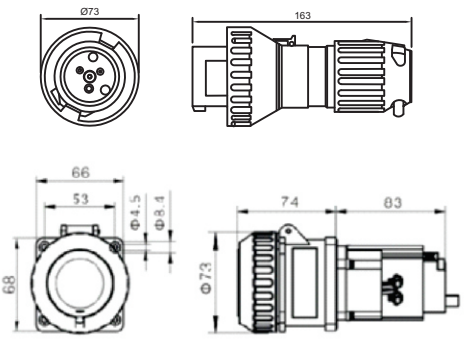
Rated of voltage:
50Volt Ac/Dc (16A,2P)
Max 250 Volt Ac (16A,3P)
Max 690 Volt Ac (16A,4P)/(32A,4P)
Max 415 Volt Ac (16A,5P)/(32A,5P)

Rated of current:
Maximum 16A and 32A

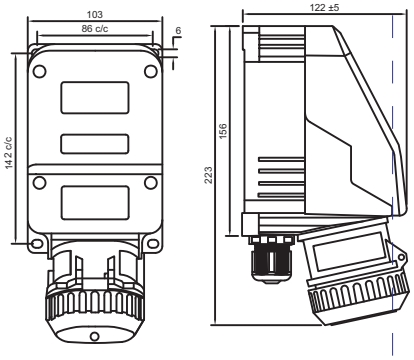
Cable entry:
M25x2 No. (Wall type-16A)
M32x2 No. (Wall type - 32A)

Plug:
Cable outside diameter Ø8 - 18.5mm

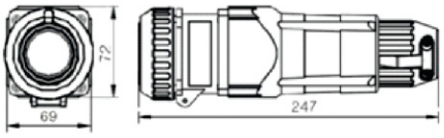
Coupler type socket :
Cable outside diameter Ø8 -18.5mm



Panel type socket

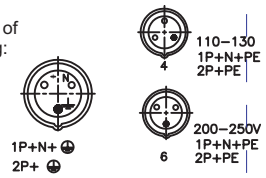


Wall type socket



Coupler type socket

Wiring diagram of socket and plug:




Wall type socket


Panel type socket


Plug


Coupler type socket


Plug with protective cover

Specification:

16A – 2 Poles

Clock h and voltage	Frequency	Type	Weight	Type No.
0-25V 2P	50/60Hz	Wall type socket Panel type socket Plug Plug with protective cover Coupler type socket	1.2kg 0.4kg 0.35kg 0.37Kg 0.7kg	FCG0251 4200 00 FCG0251 8200 00 FCG0251 7200 00 FCG0251 7200 80 FCG0251 3200 00
40-50V 2P 12	50/60Hz	Wall type socket Panel type socket Plug Plug with protective cover Coupler type socket	1.2kg 0.4kg 0.35kg 0.37Kg 0.7kg	FCG0251 4212 00 FCG0251 8212 00 FCG0251 7212 00 FCG0251 7212 80 FCG0251 3212 00
20-25V 2P 10	DC	Wall type socket Panel type socket Plug Plug with protective cover Coupler type socket	1.2kg 0.4kg 0.35kg 0.37Kg 0.7kg	FCG0251 4210 00 FCG0251 8210 00 FCG0251 7210 00 FCG0251 7210 80 FCG0251 3210 00

Specification:

16A – 3 Poles

Clock h and voltage	Type	Weight	Order No.
 4 110-130V 1P+N+PE 2P+PE	Wall type socket	1.2kg	FCG0251 4304 00
	Panel type socket	0.4kg	FCG0251 8304 00
	Plug	0.35kg	FCG0251 7304 00
	Plug with protective cover	0.37Kg	FCG0251 7304 80
	Coupler type socket	0.7kg	FCG0251 3304 00
 6 200-250V 1P+N+PE 2P+PE	Wall type socket	1.2kg	FCG0251 4306 00
	Panel type socket	0.4kg	FCG0251 8306 00
	Plug	0.35kg	FCG0251 7306 00
	Plug with protective cover	0.37Kg	FCG0251 7306 80
	Coupler type socket	0.7kg	FCG0251 3306 00

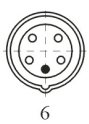
Specification:

16A – 4 Poles

Clock h and voltage	Type	Aux. Contact	Weight	Order No.
 9 200-250V 3P+PE	Wall type socket	No	1.2kg	FCG0251 4409 00
	Panel type socket	No	0.4kg	FCG0251 8409 00
	Plug	No	0.35kg	FCG0251 7409 00
	Plug with protective cover	No	0.37Kg	FCG0251 7409 80
	Coupler type socket	No	0.7kg	FCG0251 3409 00
 6 380-250V 3P+PE	Wall type socket	No	1.2kg	FCG0251 4406 00
	Wall type socket	Yes	1.2kg	FCG0251 4406 00
	Panel type socket	No	0.4kg	FCG0251 8406 00
	Plug	No	0.35kg	FCG0251 7406 00
	Plug with protective cover	No	0.37Kg	FCG0252 7406 80
	Coupler type socket	No	0.7kg	FCG0251 3406 00
 7 480-500V 3P+PE	Wall type socket	No	1.2kg	FCG0251 4407 00
	Wall type socket	Yes	1.2kg	FCG0251 4407 00
	Panel type socket	No	0.4kg	FCG0251 8407 00
	Plug	No	0.35kg	FCG0251 7407 00
	Plug with protective cover	No	0.37Kg	FCG0251 7407 80
 5 600-690V 3P+PE	Coupler type socket	No	0.7kg	FCG0251 3407 00
	Wall type socket	No	1.2kg	FCG0251 4405 00
	Wall type socket	Yes	1.2kg	FCG0251 4405 00
	Panel type socket	No	0.4kg	FCG0251 8405 00
	Plug	No	0.35kg	FCG0251 7405 00
	Plug with protective cover	No	0.37Kg	FCG0251 7405 80
	Coupler type socket	No	0.7kg	FCG0251 3405 00

Specification:

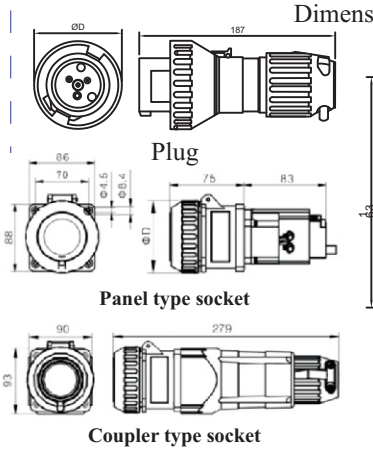
16A – 5 Poles

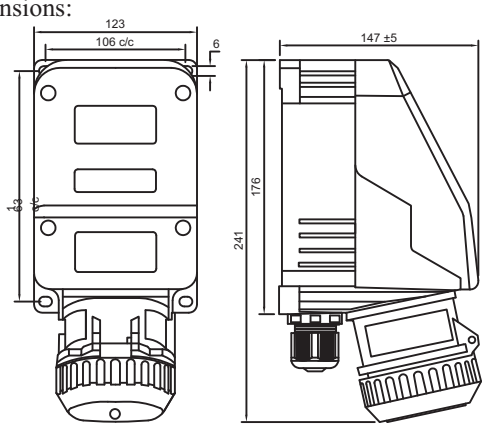
Clock h and voltage	Type	Aux. Contact	Weight	Order No.
 6 200-250V 380-415V 3P+N+PE	Wall type socket	No	1.2kg	FCG0251 4506 00
	Wall type socket	Yes	1.2kg	FCG0251 4506 00
	Panel type socket	No	0.4kg	FCG0251 8506 00
	Plug	No	0.35kg	FCG0251 7506 00
	Plug with protective cover	No	0.37Kg	FCG0251 7506 80
	Coupler type socket	No	0.7kg	FCG0251 3506 00

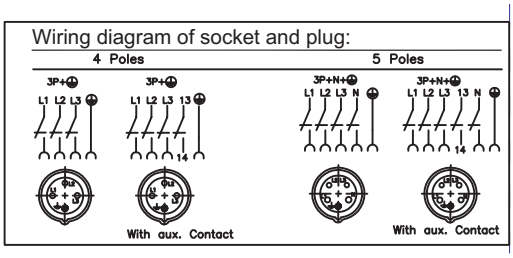
Optional cable entries of wall type socket FCG0251 4506 00 □□

Specification	Code	Cable diameter
One moulded plastic FCG0220/M25 x 1.5 cable gland one moulded plastic M25 x 1.5 stopping plug.	01	Ø8-17mm
One brass FCG 0227/M25 x 1.5-G3/4" increasd safety/Flameproof metal cable gland, onemoulded plas tic M25 x 1.5 stopping plug	03	Ø11-15mm
One brass FCG0226/M25 x 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M25 x 1.5 stopping plug	04	A: Ø6-12.5mm B: Ø11.5-16mm
Two moulded plastic FCG0220/M25 x 1.5 cable gland	06	Ø8-17mm

Dimensions:







Specification : 32A – 4 Poles

Clock h and voltage	Type	Aux. Contact	Weight	Order No.
200-250V 3P+PE	Wall type socket		1.8kg	FCG0252 4409 0001
	Panel type socket		1.0kg	FCG0252 8409 0001
	Plug		0.7kg	FCG0252 7409 0001
	Plug with protective cover		0.74Kg	FCG0252 7409 8034
	Coupler type socket		1.7kg	FCG0252 3409 0001
380-415V 3P+PE	Wall type socket	No	1.8kg	FCG0252 4406 0001
	Wall type socket	Yes	1.8kg	FCG0252 4406 0001
	Panel type socket	No	1.0kg	FCG0252 8406 0001
	Plug	No	0.7kg	FCG0252 7406 0001
	Plug with protective cover	No	0.74Kg	FCG0252 7406 8034
480-500V 3P+PE	Coupler type socket	No	1.7kg	FCG0252 3406 0001
	Wall type socket	No	1.8kg	FCG0252 4407 0001
	Wall type socket	Yes	1.8kg	FCG0252 4407 0001
	Panel type socket	No	1.0kg	FCG0252 8407 0001
	Plug	No	0.7kg	FCG0252 7407 0001
600-690V 3P+PE	Plug with protective cover	No	0.74Kg	FCG0252 7407 8034
	Coupler type socket	No	1.7kg	FCG0252 3407 0001
	Wall type socket	No	1.8kg	FCG0252 4405 0001
	Wall type socket	Yes	1.8kg	FCG0252 4405 0001
	Panel type socket	No	1.0kg	FCG0252 8405 0001
	Plug	No	0.7kg	FCG0252 7405 0001
	Plug with protective cover	No	0.74Kg	FCG0252 7405 8034
	Coupler type socket	No	1.7kg	FCG0252 3405 0001

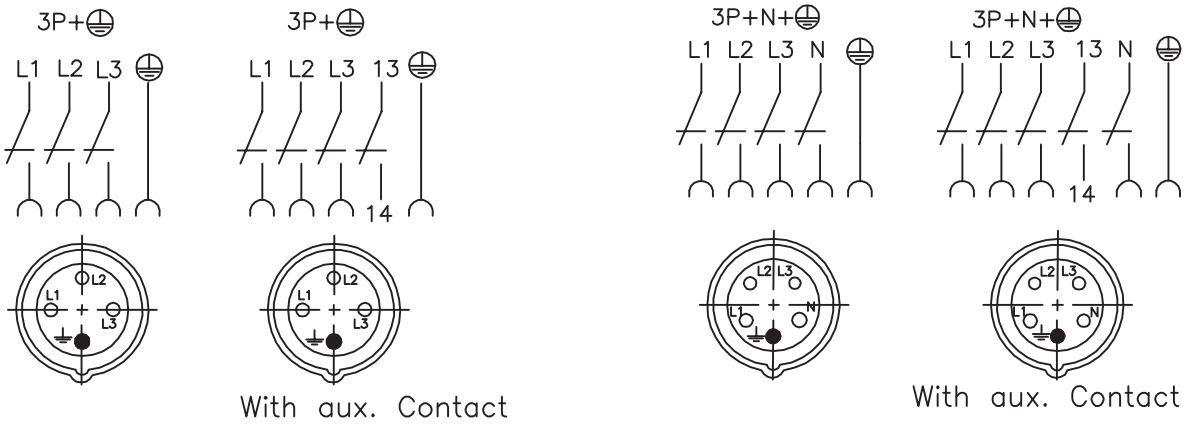
32A – 5 Poles

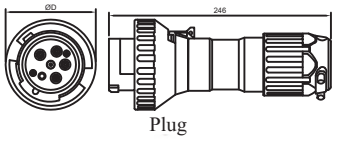
Clock h and voltage	Type	Aux. Contact	Weight	Order No.
200-250V 380-415V 3P+N+PE	Wall type socket	No	1.8kg	FCG0252 4506 0001
	Wall type socket	Yes	1.8kg	FCG0252 4506 0001
	Panel type socket	No	1.0kg	FCG0252 8506 0001
	Plug	No	0.7kg	FCG0252 7506 0001
	Plug with protective cover	No	0.74Kg	FCG0252 7506 8034
	Coupler type socket	No	1.7kg	FCG0252 3506 0001

Optional cable entries of wall type socket FCG0252 4506 00 □□

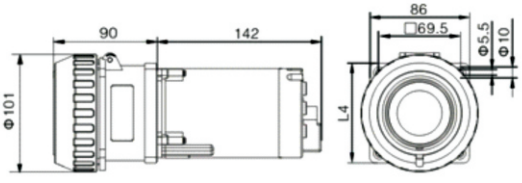
Specification		Code	Cable diameter
One moulded plastic FCG0220/M32 x 1.5 cable gland one moulded plastic M32 x 1.5 stopping plug.		01	Ø12-21mm
One brass FCG0227/M32 x 1.5-G1" increasd safety metal cable gland, One moulded plastic M32 x 1.5 stopping plug		03	Ø11-19mm
One brass FCG0226/M32 x 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M32 x 1.5 stopping plug		04	A: Ø11-18.5mm B: Ø20.5-27.5mm
Two moulded plastic FCG0220/M32 x 1.5 cable gland		06	Ø12-21mm

Wiring diagram of socket and plug:

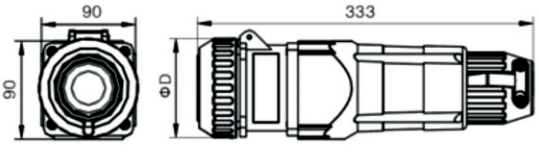




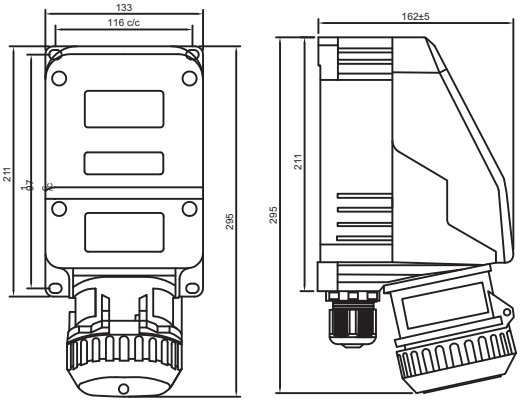
Plug



Panel type socket



Coupler type socket



Wall type socket

Number of pole	ØD
3P+ ⏚	96
3P+N+ ⏚	101

SINCE 1974

TECHNICAL DATA:

TYPE NO. FCG0253... Series For 63A
FCG 0254 Series For 125A

Certification: ATEX
MARKING

Wall type socket Plug for 63A
Ⓔx II 2 GD Ex db eb IIC T6 Gb
Ex tb IIIC T80°C Db -40°C≤Ta≤40°C
Ⓔx II 2 GD Ex db eb IIC T5 Gb
Ex tb IIIC T95°C Db -40°C≤Ta≤55°C
Wall type socket `Plug' for 125A
Ⓔx II 2 GD Ex db eb IIC T5 Gb
Ex tb IIIC T95°C Db -40°C≤Ta≤45°C

Relevant Standard :
EN 60079

Area Of Usage:
zone 1, zone 2, zone 21 and zone 22

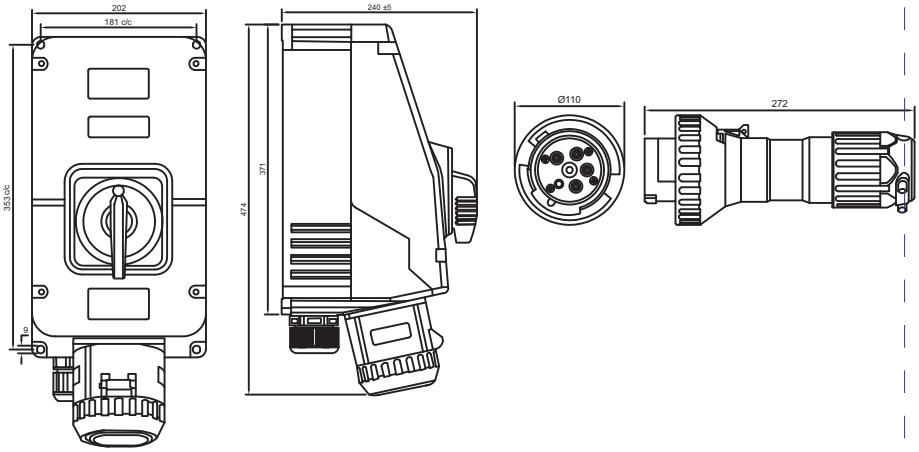
Degree of protection:
IP65

Rated of voltage:
Max 690 Volt Ac (63A,4P)/(125A,4P)
Max 415 Volt Ac (63A,5P)/(125A,5P)

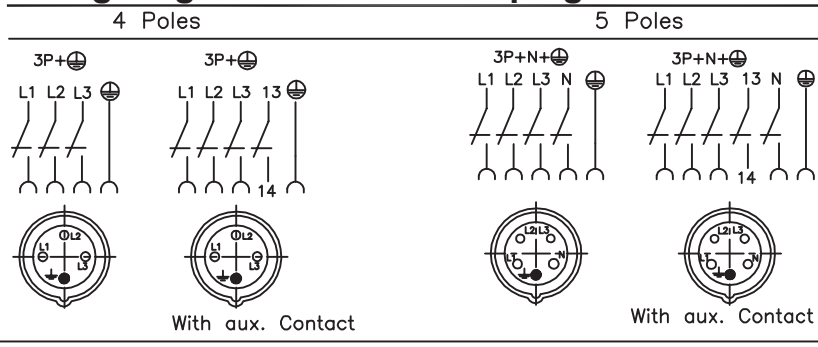
Rated of current:
Maximum 63A and 125A

Cable entry:
M50x2 No. (Wall type-63A)
M63x2 No. (Wall type - 125A)

FCG 0253 Series...



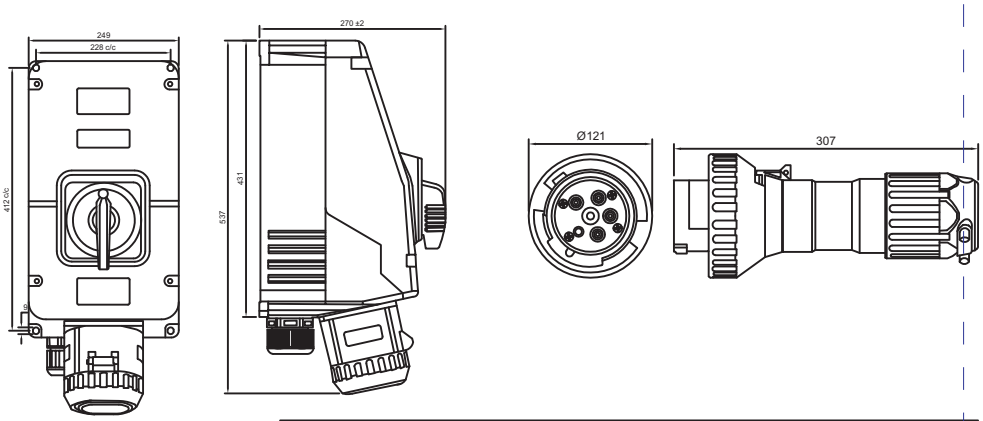
Wiring diagram of socket and plug:





Wall type socket

FCG 0254 Series...



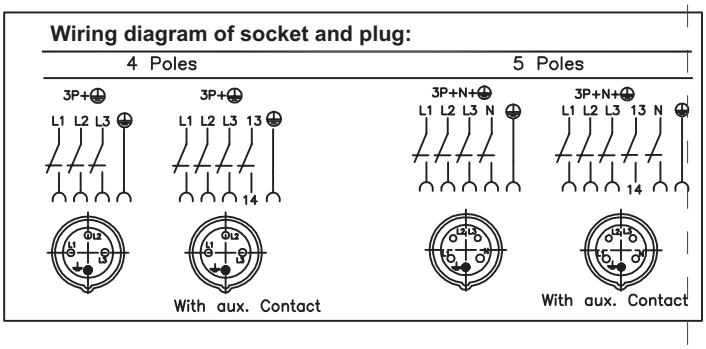


Plug



Plug with ptotective cover

Wiring diagram of socket and plug:



Clock h and voltage	Type	Aux. Contact	Order No.
 200-250V 3P+PE	Wall type socket	No	FCG0253 4409 0001
	Plug	No	FCG0253 7409 0001
	Plug with protective cover	No	FCG0253 7409 8034
 380-415V 3P+PE	Wall type socket	No	FCG0253 4406 0001
	Wall type socket	Yes	FCG0253 4406 0001
	Plug	No	FCG0253 7406 0001
	Plug with protective cover	No	FCG0253 7406 8034
 480-500V	Wall type socket	No	FCG0253 4407 4001
	Wall type socket	Yes	FCG0253 4407 4001
	Plug	No	FCG0253 7407 4001
	Plug with protective cover	No	FCG0253 7407 8034
 600-690V 3P+PE	Wall type socket	No	FCG0253 4405 0001
	Wall type socket	Yes	FCG0253 4405 4001
	Plug	No	FCG0253 7405 0001
	Plug with protective cover	No	FCG0253 7405 8034

63A – 5 Poles

Clock h and voltage	Type	Aux. Contact	Order No.
 200-250V 380-415V 3P+N+PE	Wall type socket	No	FCG0253 4506 0001
	Wall type socket	Yes	FCG0253 4506 0001
	Plug	No	FCG0253 7506 0001
	Plug with protective cover	No	FCG0253 7506 8034

Specification: **125A – 4 Poles**

Clock h and voltage	Type	Aux. Contact	Order No.
 200-250V 3P+PE	Wall type socket	No	FCG0254 4409 0001
	Plug	No	FCG0254 7409 0001
	Plug with protective cover	No	FCG0254 7409 8034
 380-415V 3P+PE	Wall type socket	No	FCG0254 4406 0001
	Wall type socket	Yes	FCG0254 4406 0001
	Plug	No	FCG0254 7406 0001
	Plug with protective cover	No	FCG0254 7406 8034
 480-500V 3P+PE	Wall type socket	No	FCG0254 4407 4001
	Wall type socket	Yes	FCG0254 4407 4001
	Plug	No	FCG0254 7407 4001
	Plug with protective cover	No	FCG0254 7407 8034
 600-690V 3P+PE	Wall type socket	No	FCG0254 4405 0001
	Wall type socket	Yes	FCG0254 4405 4001
	Plug	No	FCG0254 7405 0001
	Plug with protective cover	No	FCG0254 7405 8034

125A – 5 Poles

Clock h and voltage	Type	Aux. Contact	Order No.
 200-250V 380-415V 3P+N+PE	Wall type socket	No	FCG0254 4506 0001
	Wall type socket	Yes	FCG0254 4506 0001
	Plug	No	FCG0254 7506 0001
	Plug with protective cover	No	FCG0254 7506 8034

Optional cable entries of wall type socket FCG0254 4506 00 □□

Specification	Code	Cable diameter
One moulded plastic FCG0220/M63x 1.5 cable gland one moulded plastic 63 x 1.5 stopping plug.	01	Ø27-48mm
One brass FCG 0227/M63 x 1.5-G2" increasd safety metal cable gland, one moulded plastic M63 x 1.5 stopping plug	03	Ø35-46mm
One brass FCG0226/M63 x 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M63 x 1.5 stopping plug	04	A: Ø35.5-42.5mm B: Ø43-53mm
Two moulded plastic FCG0220/M63 x 1.5 cable gland	06	Ø27-48mm

Optional cable entries of wall type socket FCG0253 4506 00 □□

Specification	Code	Cable diameter
One moulded plastic FCG0220/M50 x 1.5 cable gland one moulded plastic M50 x 1.5 stopping plug.	01	Ø22-35mm
One brass FCG 0227/M50 x 1.5-G1 1/2" increasd safety metal cable gland, one moulded plastic M50 x 1.5 stopping plug	03	Ø26-34mm
One brass FCG0226/M50 x 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M50 x 1.5 stopping plug	04	A: Ø29.5-36.5mm B: Ø36.5-46.5mm
Two moulded plastic FCG0220/M50 x 1.5 cable gland	06	Ø22-35mm

SINCE 1974

● TYPE NO. WLC 20 30 12 (WP. CONTROL STATION)

A) PROTECTION :

ATEX : Ex II2 GD Ex db IIC T6...T3 Gb
Ex tb IIIC T**°c Db
(-30°c ≤Ta≤+60°C) IP66

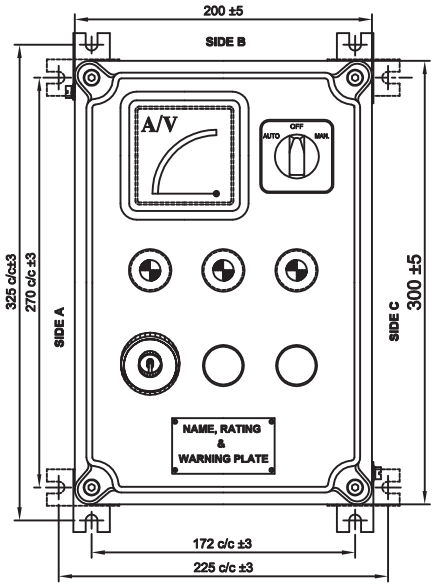
B) MOC:
GLASS REINFORCED POLYSTER

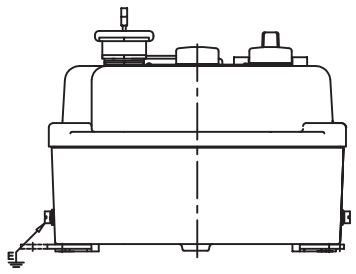
C) ENTRY:
AS PER TABLE BELOW

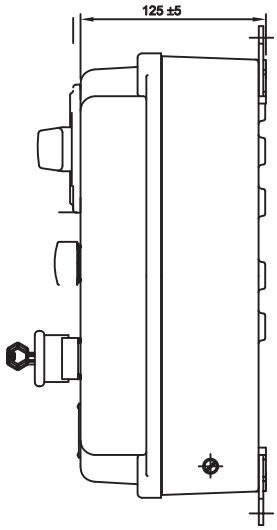
D) TERMINALS:
AS PER TABLE BELOW

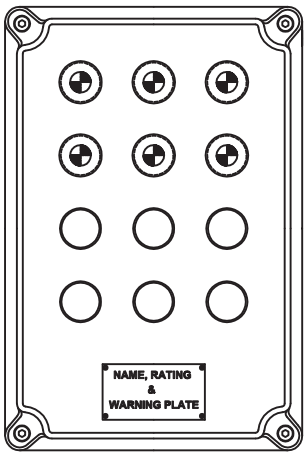
E) RATING:
AS PER TABLE BELOW

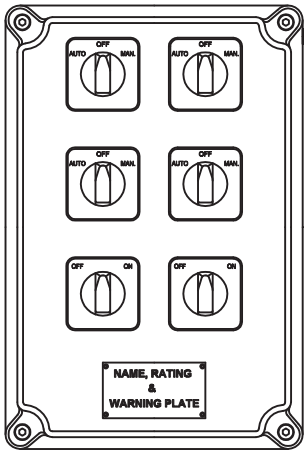
NEW IMAGE

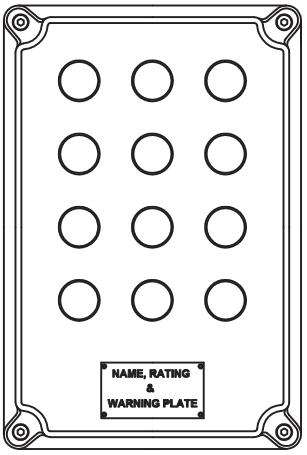












MAX. Nos. OF CABLE ENTRIES.

Sr. No.	MAX. SIZE OF CABLE ENTRIES	WLC 20 30 12	
		LONGER SIDE A/C	SMALLER SIDE B/D
01	M20 x 1.5 PITCH OR EQUIVALENT ET/NPT/BSP/PG THREADS	08 Nos.	-
02	M25 x 1.5 PITCH OR EQUIVALENT ET/NPT/BSP/PG THREADS	-	03 Nos.
03	M32 x 1.5 PITCH OR EQUIVALENT ET/NPT/BSP/PG THREADS	04 Nos.	-
04	M40 x 1.5 PITCH OR EQUIVALENT ET/NPT/BSP/PG THREADS	-	02 Nos.

Approval: ATEX / PESO