



SUDHIR[®]

JSR SHAKTI

Flameproof & Weatherproof Electrical Equipment



**AKSHAT KEDIA
DIRECTOR**

PRODUCT CATALOGUE

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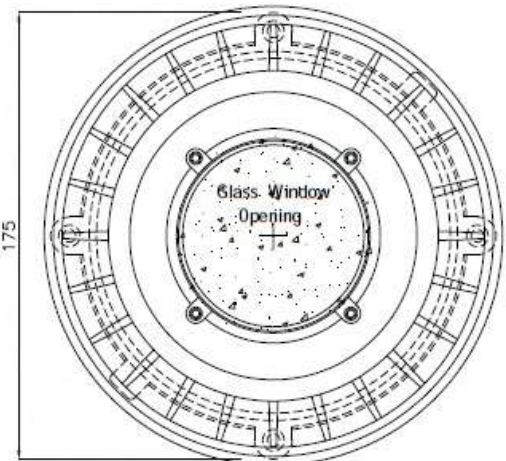


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS DOME GLASS UP TO 45 W LED

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
BEAM ANGLE	: 120 DEGREE
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

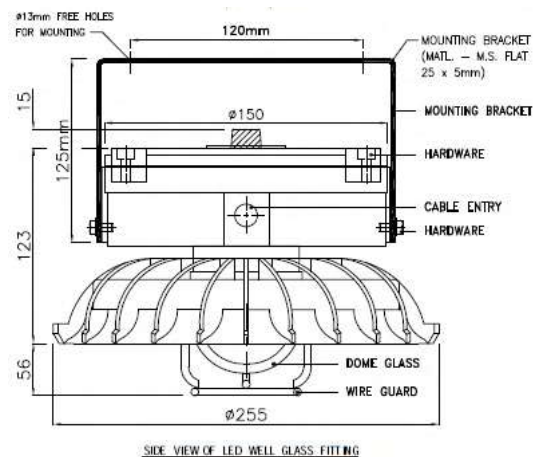
Bottom View of Well Glass Fitting
(TYPE - 5)

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOME / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	GLAND & PLUG	BRASS / SS / ALUMINIUM
8.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc..
9.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	WG/1240 / D / 20
2	30	WG/1240 / D / 30
3	35	WG/1240 / D / 35
4	40	WG/1240 / D / 40
5	45	WG/1240 / D / 45



SIDE VIEW OF LED WELL GLASS FITTING

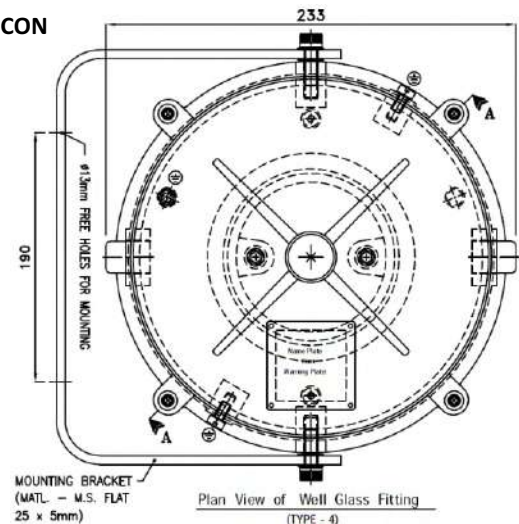


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS DOME GLASS UP TO 80 W LED

TECHNICAL DATA:

PRODUCT	:	CAT. NO. – WG/1240
ENCLOSURE	:	FLAME PROOF (Ex – d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	140 V – 270 V (240 V AC)
POWER FACTOR	:	≥ 0.95
INPUT FREQUENCY	:	50 Hz.
EFFICACY	:	≥ 100 LUMEN PER WATT
COLOUR (CCT)	:	3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	:	≥80 RA
THD	:	≤ 10 % THD
BEAM ANGLE	:	120 DEGREE
SURFACE TEMP.	:	MAX . 70°
SURGE PROTECTION	:	10 KV SPD
LED MAKE	:	CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	:	OSRAM / PHILIPS / FULHAM / EQUIVALENT BIS APPROVED

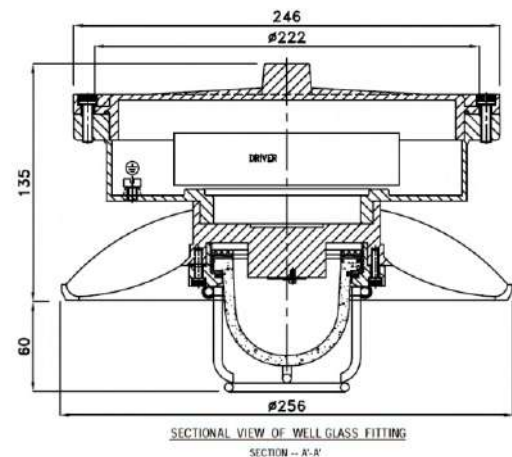


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOME / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	GLAND & PLUG	BRASS / SS / ALUMINIUM
8.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc..
9.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	50	WG/1240 / D / 50
2	60	WG/1240 / D / 60
3	70	WG/1240 / D / 70
4	75	WG/1240 / D / 75
5	80	WG/1240 / D / 80



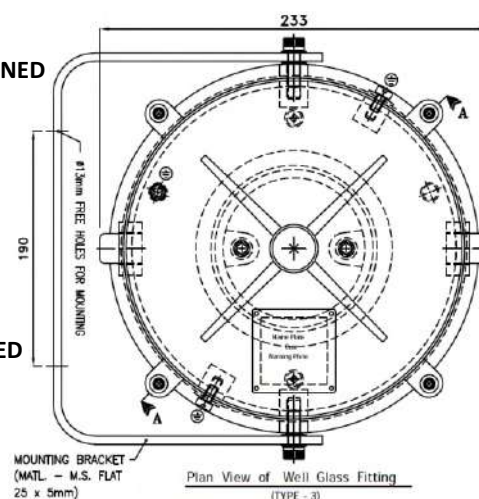


DATA SHEET FOR FLP WELL GLASS FITTING

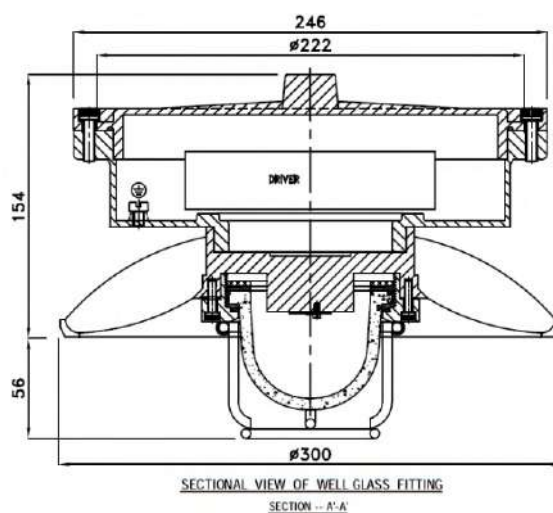
FLP-WP WELL GLASS DOME GLASS UP TO 120 W LED

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
BEAM ANGLE	: 120 DEGREE
SURFACE TEMPERATURE	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED



Plan View of Well Glass Fitting
(TYPE - 3)



SECTIONAL VIEW OF WELL GLASS FITTING
SECTION -- A'-A'

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOMES / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	GLAND & PLUG	BRASS / SS / ALUMINIUM
8.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
9.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATT AGE	PART NO
1	90	WG/1240 / D / 90
2	100	WG/1240 / D / 100
3	110	WG/1240 / D / 110
4	120	WG/1240 / D / 120

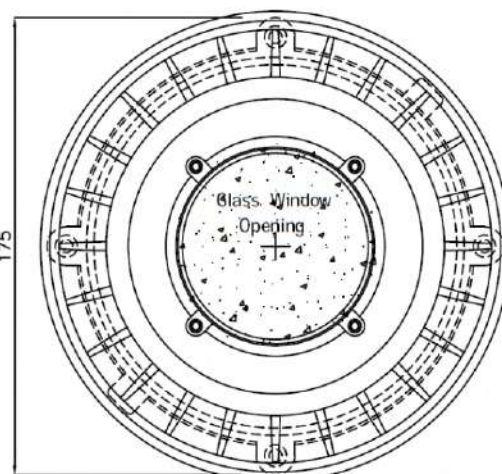


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS FITTING UPTO 45 W LED (FLAT GLASS)

TECHNICAL DATA:

PRODUCT	: CAT.NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP.CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED



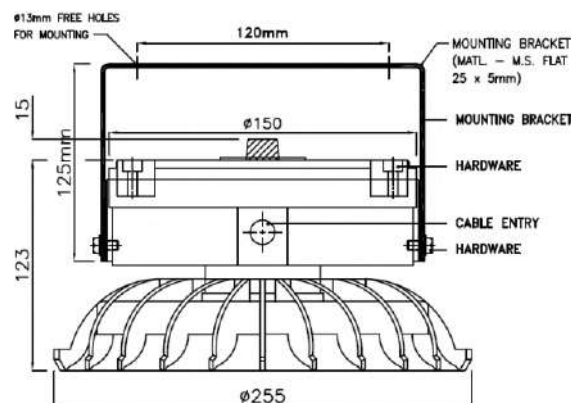
Bottom View of Well Glass Fitting
(TYPE - 5)

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOME / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	GLAND & PLUG	BRASS / SS / ALUMINIUM
8.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc..
9.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	WG/1240 / F / 20
2	30	WG/1240 / F / 30
3	35	WG/1240 / F / 35
4	40	WG/1240 / F / 40
5	45	WG/1240 / F / 45



SIDE VIEW OF LED WELL GLASS FITTING

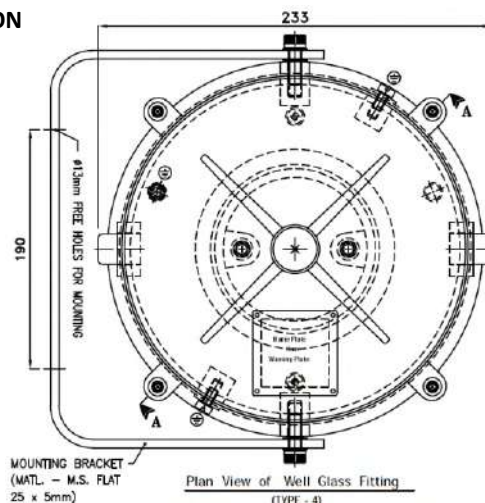


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS FITTING UPTO 80 W LED (FLAT GLASS)

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP.CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

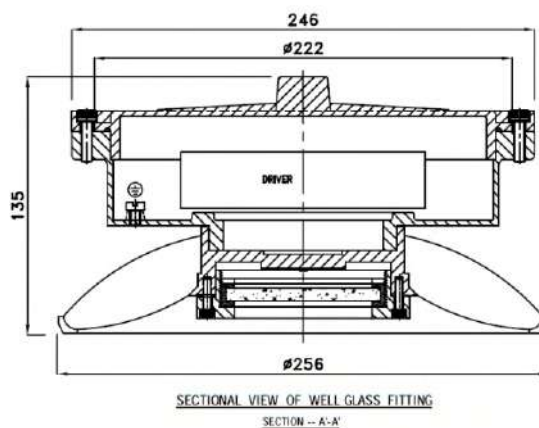


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOME / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	MOUNTING BRACKET	TYPE – A,B,C,D,E & F
8.	GLAND & PLUG	BRASS / SS / ALUMINIUM
9.	COLOUR SHADE	631 , 632 , 355 ,7031 , 7032 etc..
10.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	50	WG/1240 / F/ 50
2	60	WG/1240 / F/ 60
3	70	WG/1240 / F/ 70
4	75	WG/1240 / F/ 75
5	80	WG/1240 / F/ 80

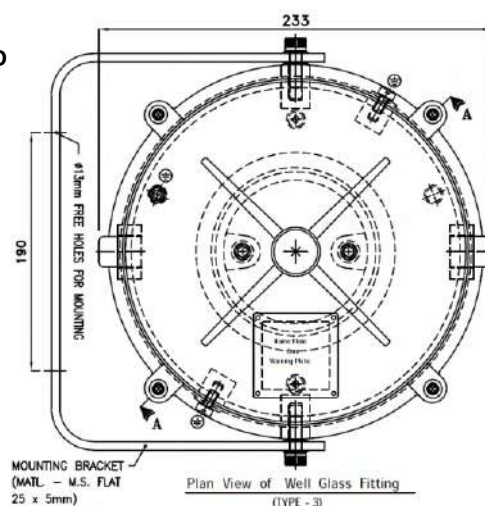


**DATA SHEET FOR FLP WELL GLASS FITTING**

FLP-WP WELL GLASS FITTING UPTO 120 W LED (FLAT GLASS)

TECHNICAL DATA:

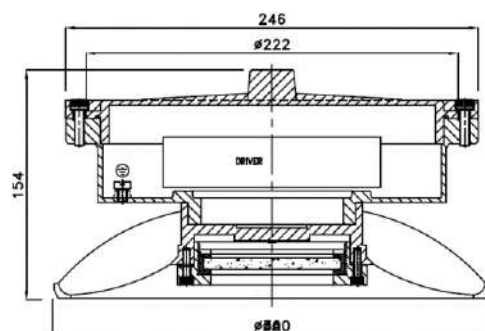
PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC60529:2001 (Reaffirmed 2014)
AREA & TEMP.CLASS	: Ex db IIC T6 Gb (EX tb/tc IIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

MOUNTING BRACKET
(MTRL – M.S. FLAT
25 x 5mm)Plan View of Well Glass Fitting
(TYPE - 3)**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	DOME / FLAT / LENS / FROSTED
4.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
5.	LED TYPE	COB / SMD
6.	BATTERY BACK UP	UP TO 90 MINS
7.	GLAND & PLUG	BRASS / SS / ALUMINIUM
8.	COLOUR SHADE	631 , 632 , 355 ,7031 ,7032 etc..
9.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	90	WG/1240 / F / 90
2	100	WG/1240 / F / 100
3	110	WG/1240 / F / 110
4	120	WG/1240 / F / 120

SECTIONAL VIEW OF WELL GLASS FITTING
SECTION – A-A'

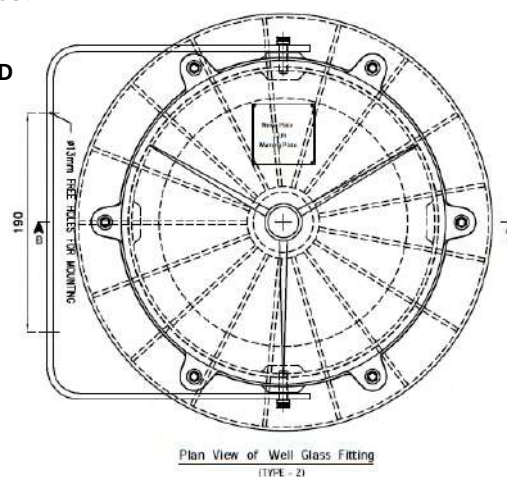


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS FITTING UPTO 200 W LED (FLAT GLASS)

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex – d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP.CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT - BIS APPROVED

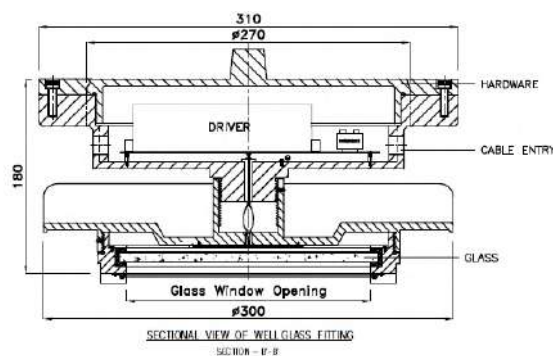


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS TYPE	FLAT / FROSTED
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc..
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	150	WG/1240 / 150
2	200	WG/1240 / 200



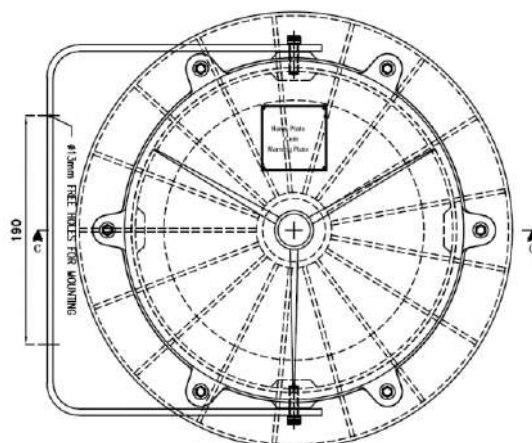


DATA SHEET FOR FLP WELL GLASS FITTING

FLP-WP WELL GLASS FITTING UPTO 300 W LED (FLAT GLASS)

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

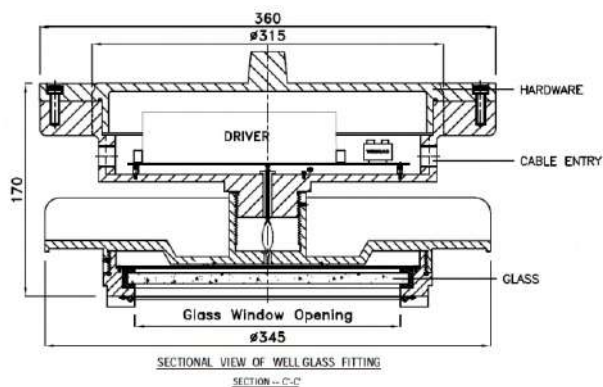
Plan View of Well Glass Fitting
(TYPE - 1)

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	GLASS	FLAT / FROSTED
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc..
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	250	WG/1240 / 250
2	300	WG/1240 / 300

SECTIONAL VIEW OF WELL GLASS FITTING
SECTION - C-C'

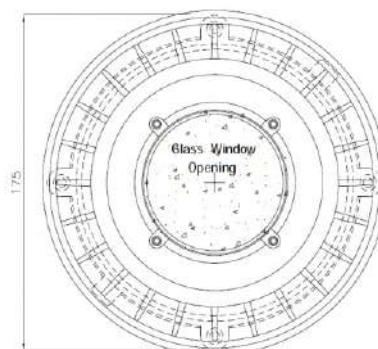


DATA SHEET FOR FLP FLOOD LIGHT FITTING

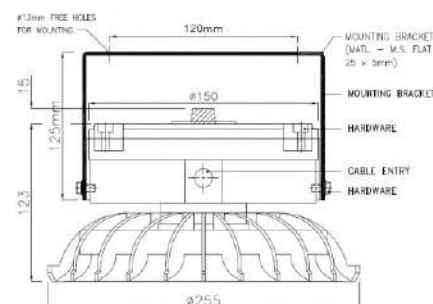
FLP-WP-FLOOD LIGHT UP TO 45 WATT LED

TECHNICAL DATA:

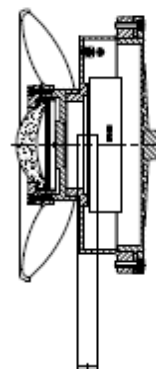
PRODUCT	: CAT.NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED



Bottom View of Flood Light Fitting
(TYPE - 5)



SIDE VIEW OF LED FLOOD LIGHT FITTING



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

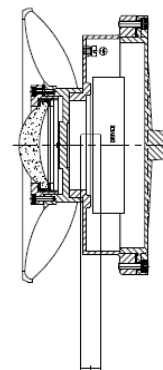
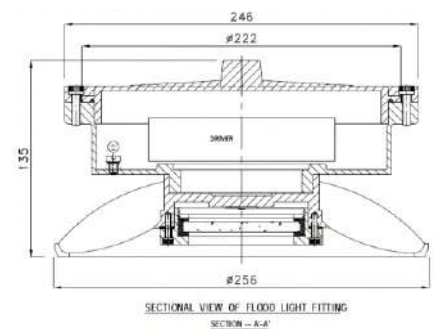
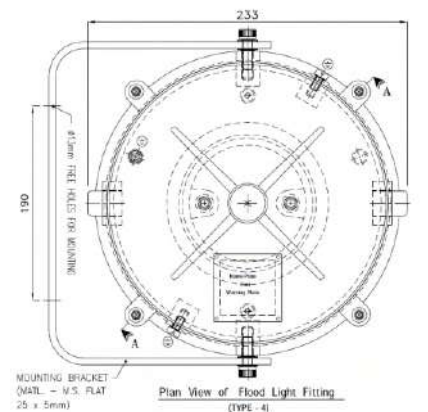
SR.NO	WATTAGE	PART NO
1	20	WG/1240 / FL / 20
2	30	WG/1240 / FL / 30
3	35	WG/1240 / FL / 35
4	40	WG/1240 / FL / 40
5	45	WG/1240 / FL / 45

**DATA SHEET FOR FLP FLOOD LIGHT FITTING**

FLP-WP-FLOOD LIGHT UP TO 80 WATT LED

TECHNICAL DATA:

PRODUCT	: CAT. NO. – WG/1240
ENCLOSURE	: FLAME PROOF (Ex – d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT - BIS APPROVED

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	50	WG/1240 / FL / 50
2	60	WG/1240 / FL / 60
3	70	WG/1240 / FL / 70
4	75	WG/1240 / FL / 75
5	80	WG/1240 / FL / 80

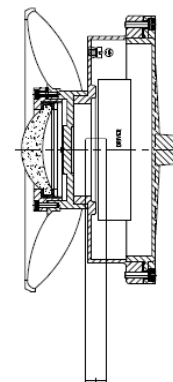
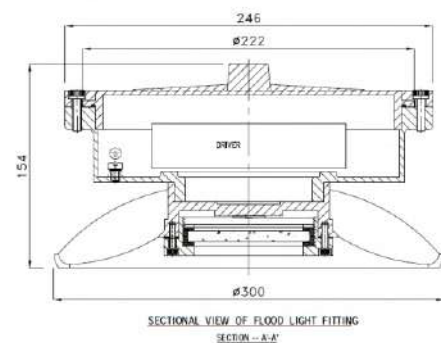
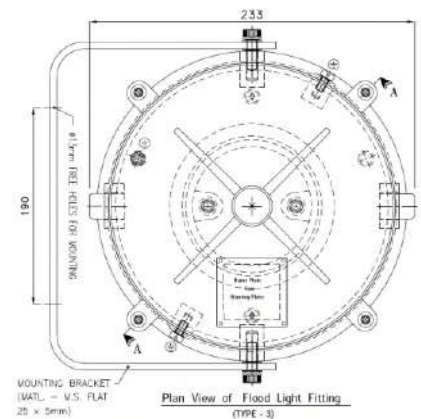


DATA SHEET FOR FLP FLOOD LIGHT FITTING

FLP-WP-FLOOD LIGHT UP TO 120 WATT LED

TECHNICAL DATA:

- PRODUCT : CAT. NO.- WG/1240
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- GLASS : HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT
- VOLTAGE : 140 V – 270 V (240 V AC)
- POWER FACTOR : ≥ 0.95
- INPUT FREQUENCY : 50 Hz.
- EFFICACY : ≥ 100 LUMEN PER WATT
- COLOUR (CCT) : 3000K / 5700K / 6500 K / OR AS SPECIFIED
- CRI : ≥ 80 RA
- THD : ≤ 10 % THD
- SURFACE TEMP. : MAX . 70°
- SURGE PROTECTION : 10 KV SPD
- LED MAKE : CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
- DRIVER MAKE : OSRAM / PHILIPS / FULHAM / EQUIVALENT
– BIS APPROVED



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

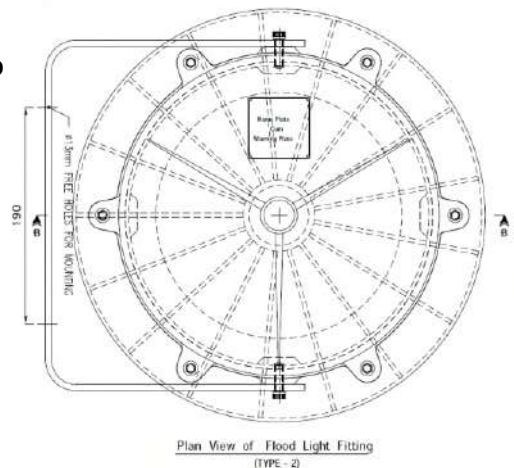
SR.NO	WATTAGE	PART NO
1	90	WG/1240 / FL / 90
2	100	WG/1240 / FL / 100
3	110	WG/1240 / FL / 110
4	120	WG/1240 / FL / 120

**DATA SHEET FOR FLP FLOOD LIGHT FITTING**

FLP-WP-FLOOD LIGHT UP TO 200 WATT LED

TECHNICAL DATA:

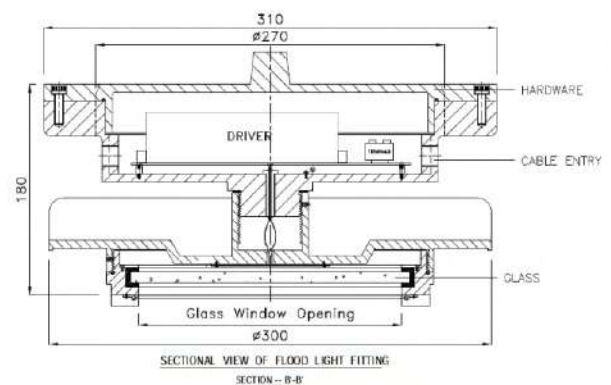
PRODUCT	:	CAT. NO.- WG/1240
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS (FLAT)
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	140 V – 270 V (240 V AC)
POWER FACTOR	:	≥ 0.95
INPUT FREQUENCY	:	50 Hz.
EFFICACY	:	≥ 100 LUMEN PER WATT
COLOUR (CCT)	:	3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	:	≥ 80 RA
THD	:	≤ 10 % THD
SURFACE TEMP.	:	MAX . 70°
SURGE PROTECTION	:	10 KV SPD
LED MAKE	:	CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	:	OSRAM / PHILIPS / FULHAM / EQUIVALENT - BIS APPROVED

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	150	WG/1240 / FL / 150
2	200	WG/1240 / FL / 200



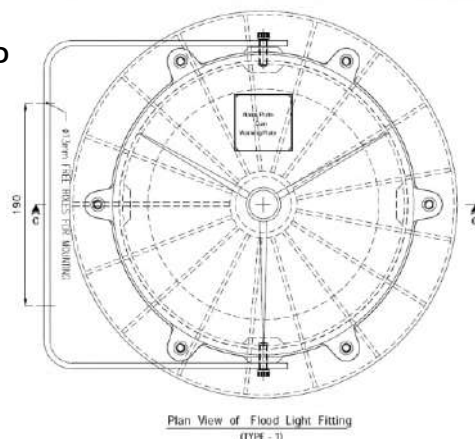


DATA SHEET FOR FLP FLOOD LIGHT FITTING

FLP-WP-FLOOD LIGHT UP TO 300 WATT LED

TECHNICAL DATA:

PRODUCT	: CAT. NO.- WG/1240
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS (FLAT)
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT - BIS APPROVED

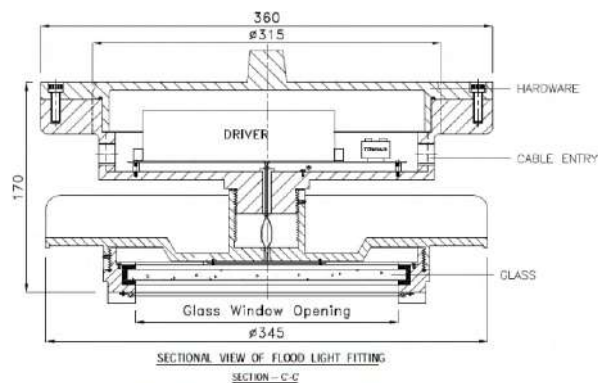


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	BEAM ANGLE	LENS AVAILABLE 60/90/120 DEGREE
4.	LED TYPE	COB / SMD
5.	BATTERY BACK UP	UP TO 90 MINS
6.	GLAND & PLUG	BRASS / SS / ALUMINIUM
7.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
8.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	250	WG/1240 / FL / 250
2	300	WG/1240 / FL / 300



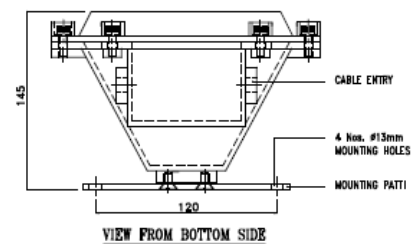
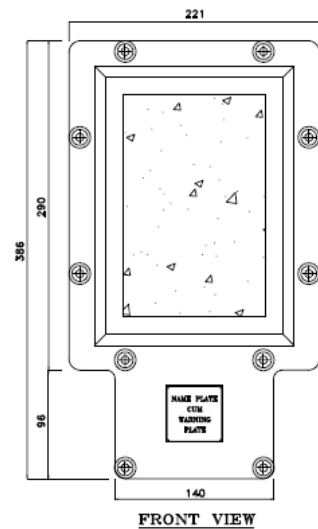


DATA SHEET FOR FLP BULKHEAD LIGHT FITTING

BULKHEAD IIA & IIB UP TO 45 W LED

TECHNICAL DATA:

- PRODUCT : CAT. NO.- BH/124
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA, IIB
As per IS/IEC 60079-1: 2014
- AREA & TEMP. CLASS : Ex db IIA & IIB C T6 Gb (EX TB / TC IIIC T85 C Db/Dc
(ZONE 1 & 2, ZONE 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS: 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- GLASS : HEAT RESISTANT CLEAR TYPE-A TOUGHENED
GLASS (FLAT)
- ENTRIES : 2 Nos M20 / 1/2 "NPT / EQUIVALENT
- VOLTAGE : 140 V – 270 V (240 V AC)
- POWER FACTOR : ≥ 0.95
- INPUT FREQUENCY : 50 Hz.
- EFFICACY : ≥ 100 LUMEN PER WATT
- COLOUR (CCT) : 3000K / 5700K / 6500 K / OR AS SPECIFIED
- CRI : ≥ 80 RA
- THD : ≤ 10 % THD
- SURFACE TEMP. : MAX. 70°
- SURGE PROTECTION : 10 KV SPD
- LED MAKE : CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
- DRIVER MAKE : OSRAM / PHILIPS / FULHAM / EQUIVALENT
- BIS APPROVED

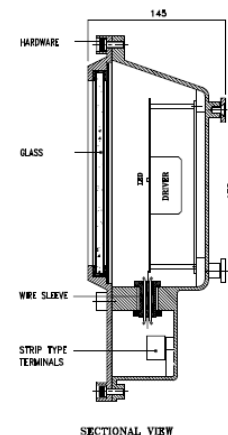


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 ,7031,7032 etc..

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	BH/ 124 / 20
2	30	BH / 124 / 30
3	45	BH / 124 / 45



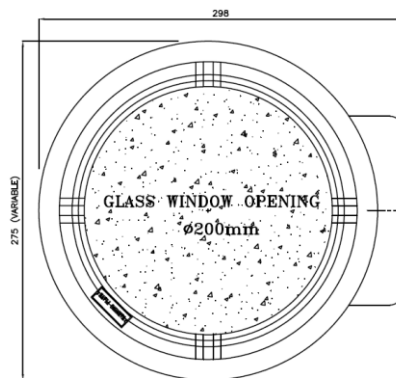


DATA SHEET FOR FLP BULKHEAD LIGHT FITTING

FLP-WP BULKHEAD GAS GROUP IIC UP TO 60 W LED

TECHNICAL DATA:

PRODUCT	:	CAT. NO.- BH / 2C / 197
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMP. CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS (FLAT)
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	140 V – 270 V (240 V AC)
POWER FACTOR	:	≥ 0.95
INPUT FREQUENCY	:	50 Hz.
EFFICACY	:	≥ 100 LUMEN PER WATT
COLOUR (CCT)	:	3000K/5700K/6500 K/OR AS SPECIFIED
CRI	:	≥ 80 RA
THD	:	≤ 10 % THD
SURFACE TEMP	:	MAX . 70°
SURGE PROTECTION	:	10 KV SPD
LED MAKE	:	CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	:	OSRAM / PHILIPS / FULHAM / EQUIVALENT - BIS APPROVED



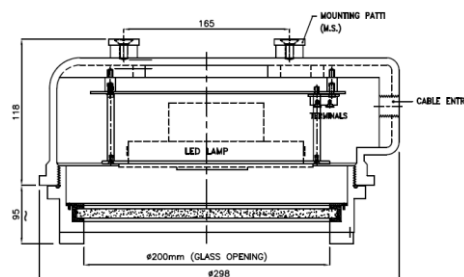
FRONT VIEW

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	BH / 2C / 197 / 20
2	30	BH / 2C / 197 / 30
3	45	BH / 2C / 197 / 45
4	50	BH / 2C / 197 / 50
5	60	BH / 2C / 197 / 60



SECTIONAL VIEW

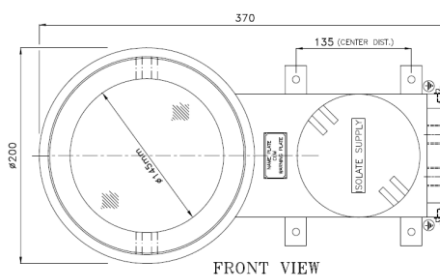


DATA SHEET FOR FLP BULKHEAD LIGHT FITTING

FLP-WP BULKHEAD GAS GROUP IIC UP TO 60 W LED

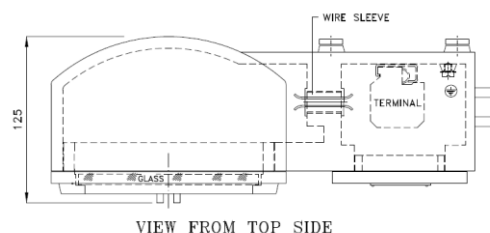
TECHNICAL DATA:

PRODUCT	:	CAT. NO.- BH / 2C / 2009
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMP. CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE – A TOUGHENED GLASS (FLAT)
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	140 V – 270 V (240 V AC)
POWER FACTOR	:	≥ 0.95
INPUT FREQUENCY	:	50 Hz.
EFFICACY	:	≥ 100 LUMEN PER WATT
COLOUR (CCT)	:	3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	:	≥ 80 RA
THD	:	≤ 10 % THD
SURFACE TEMP	:	MAX . 70°
SURGE PROTECTION	:	10 KV SPD
LED MAKE	:	CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	:	OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc..



SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	BH / 2C / 2009 / 20
2	30	BH / 2C / 2009 / 30
3	45	BH / 2C / 2009 / 45
4	50	BH / 2C / 2009 / 50
5	60	BH / 2C / 2009 / 60

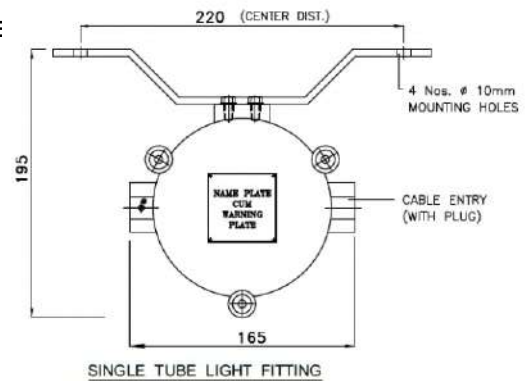


DATA SHEET FOR FLP LED TUBE LIGHT FITTING

FLP-WP-TUBE LIGHT LED FITTING IIA & IIB

TECHNICAL DATA:

- PRODUCT : CAT. NO.- FF/1272
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA , IIB ,
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIB T6 Gb (EX tb / tc IIIC T85° C Db)
ZONE 1 & 2 & Zone 21 & 22
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- GLASS : TUBULAR HEAT RESISTANT CLEAR GLASS
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT
- VOLTAGE : 140 V – 270 V (240 V AC)
- POWER FACTOR : ≥ 0.95
- INPUT FREQUENCY : 50 Hz.
- EFFICACY : ≥ 100 LUMEN PER WATT
- COLOUR (CCT) : 3000K / 5700K / 6500 K / OR AS SPECIFIE
- SURFACE TEMPERATURE : MAX . 70°
- WIRE GUARD : MS WHITE EPOXY POWDER COATED.
- LED MAKE : EVERLITE OR EQUIVALENT

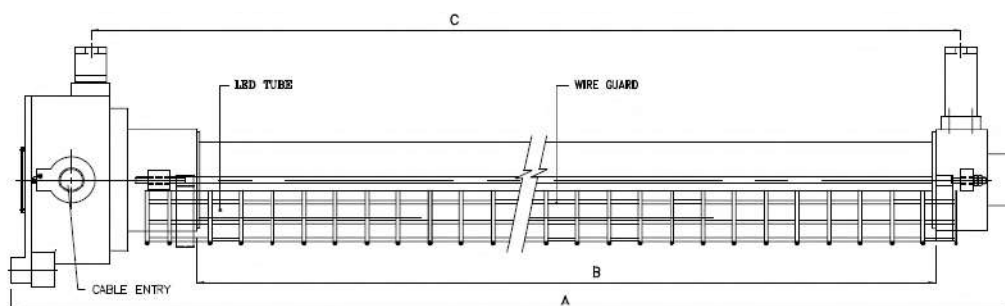


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	LED TYPE	TUBE ROD
3.	WIRE GUARD	SS
4.	GLAND & PLUG	BRASS / SS / ALUMINIUM
5.	COLOUR SHADE	631, 632, 355,7031 , 7032 etc..

SELECTION CHART

SR.NO	WATTAGE	SIZE	PART NO
1	1 X 20	4 FEET	FF/1272 / 1 / 20
2	2 X 20	4 FEET	FF/1272 / 2 / 20
3	1 X 40	4 FEET	FF/1272 / 1 / 40
4	2 X 40	4 FEET	FF/1272 / 2 / 40
5	1 X 10	2 FEET	FF/1272 / 1 / 10
6	2 X 10	2 FEET	FF/1272 / 2 / 10



FRONT VIEW OF TUBE LIGHT FITTING

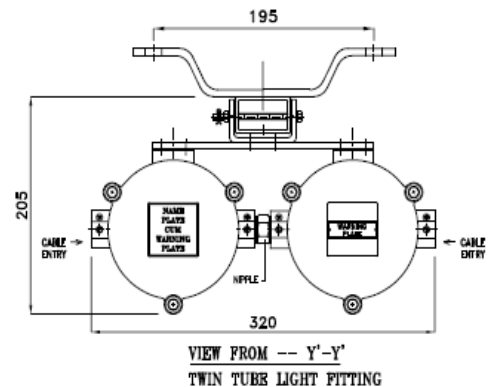


DATA SHEET FOR FLP LED TUBE LIGHT FITTING

FLP-WP-TUBE LIGHT LED FITTING IIA & IIB

TECHNICAL DATA:

PRODUCT	: CAT. NO.- SUDHIR / 1271
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIB T6 Gb (EX tb IIIC T85 Db) (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: TUBULAR HEAT RESISTANT CLEAR GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
SURFACE TEMP.	: MAX . 70°
WIRE GUARD	: MS WHITE EPOXY POWDER COATED.
LED MAKE	: EVERLITE OR EQUIVALENT

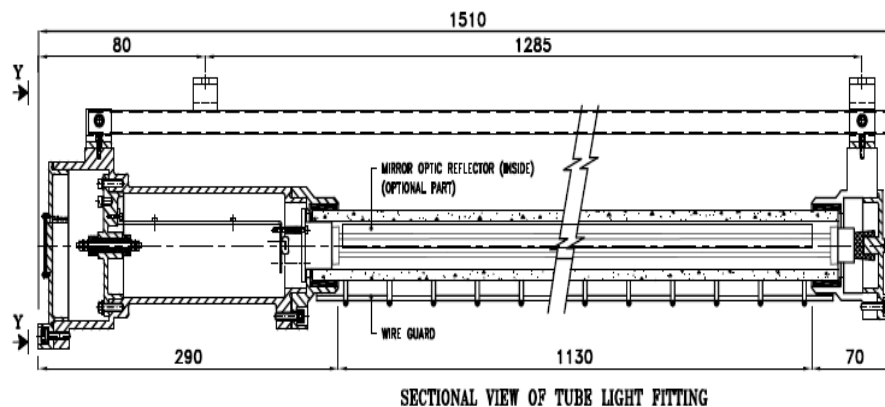


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	LED TYPE	TUBE ROD
3.	WIRE GUARD	SS
4.	GLAND & PLUG	BRASS / SS / ALUMINIUM
5.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc..

SELECTION CHART

SR.NO	WATTAGE	SIZE	PART NO
1	1 X 20	4 FEET	SUDHIR /1271 / 1 / 20
2	2 X 20	4 FEET	SUDHIR /1271 / 2 / 20
3	1 X 40	4 FEET	SUDHIR /1271 / 1 / 40
4	2 X 40	4 FEET	SUDHIR /1271 / 2 / 40
5	1 X 10	2 FEET	SUDHIR /1271 / 1 / 10
6	2 X 10	2 FEET	SUDHIR /1271 / 2 / 10



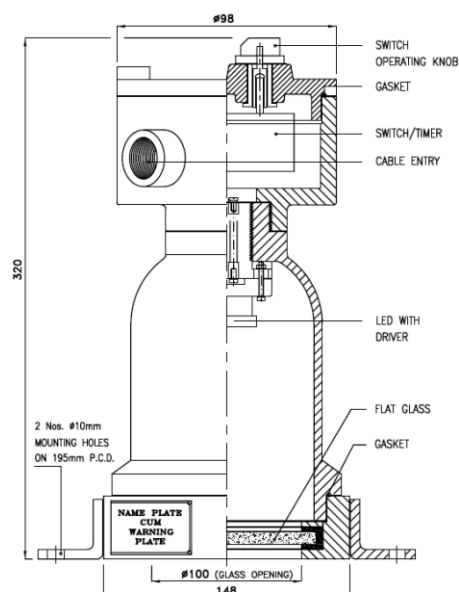


DATA SHEET FOR FLP LED REACTOR VESSEL LAMP

FLP/WP REACTOR VESSEL LAMP GAS GROUP - IIA, IIB

TECHNICAL DATA:

PRODUCT	: CAT. NO. - RVL/A /128
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA & IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP	: MAX . 70°
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: FULHAM / EQUIVALENT – BIS APPROVED

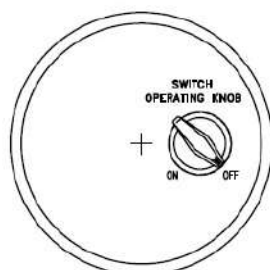


OPTIONS

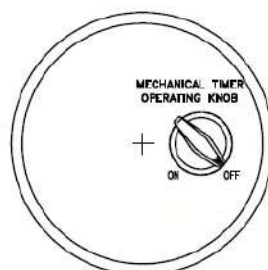
SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
7.	OPERATION	A) PUSH BUTTON TYPE ELECTRONIC TIMER B) ON / OFF SWITCH C) WITH OUT SWITCH D) MECHANICAL TIMER

SELECTION CHART

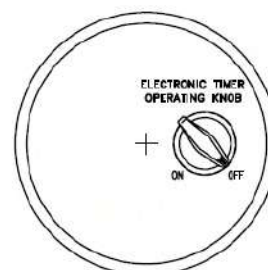
SR.NO	WATTAGE	PART NO
1	15	RVL / 128 / 15
2	20	RVL / 128 / 20



PLAN VIEW (with Switch)



PLAN VIEW (with Mechanical Timer)



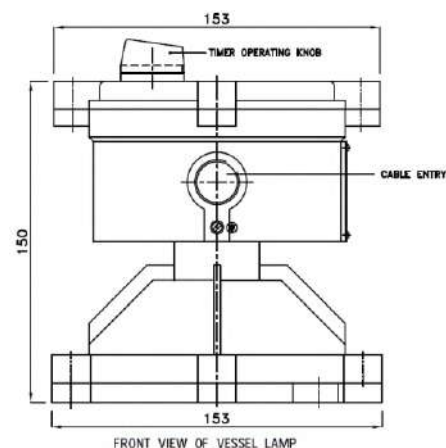
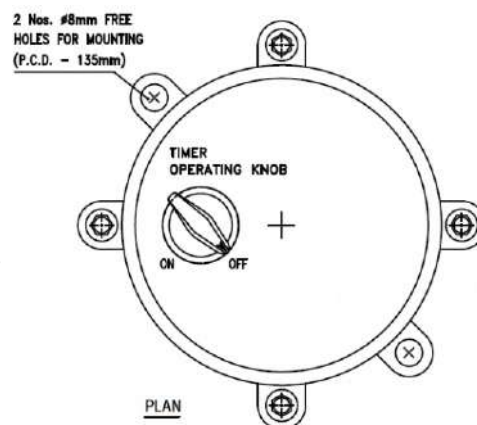
PLAN VIEW (with Electronic Timer)

**DATA SHEET FOR FLP LED REACTOR VESSEL LAMP**

FLP/WP REACTOR VESSEL LAMP GAS GROUP IIC

TECHNICAL DATA:

PRODUCT	: CAT. NO.- RVL/2C/181
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
SURFACE TEMPERATURE	: MAX . 70°
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: FULHAM / EQUIVALENT – BIS APPROVED

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
7.	OPERATION	A) PUSH BUTTON TYPE ELECTRONIC TIMER B) ON / OFF SWITCH C) WITH OUT SWITCH D) MECHANICAL TIMER

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	15	RVL / 2C / 181 / 15
2	20	RVL / 2C / 181 / 20



DATA SHEET FOR FLP HAND LAMP

HAND LAMP IIA & IIB & IIC UP TO 20 WATT LED

TECHNICAL DATA:

PRODUCT	: CAT.NO.- HL/2C/126
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS(DOME)
ENTRIES	: 1 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥ 0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥ 100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥ 80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
WIRE GUARD	: M.S WHITE EPOXY POWDER COATED
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: FULHAM / EQUIVALENT – BIS APPROVED

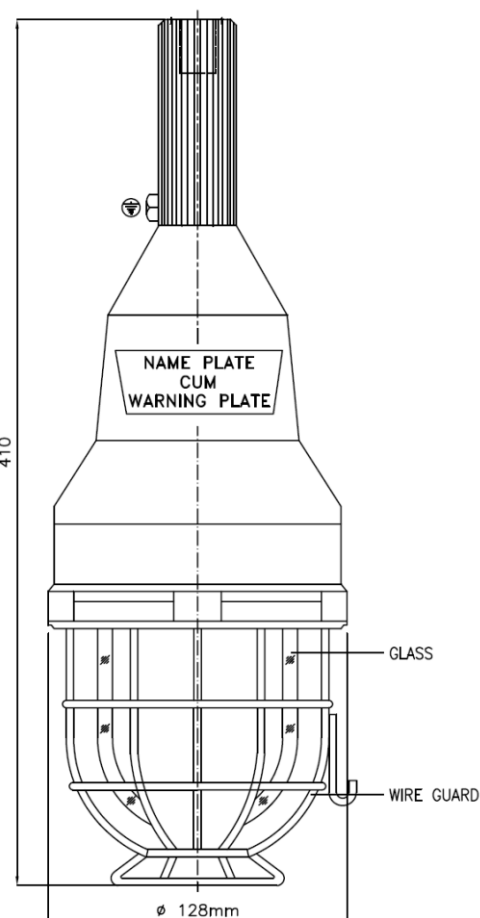


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	15	HL / 2C / 126 / 15
2	20	HL / 2C / 126 / 20



FRONT VIEW OF HAND LAMP

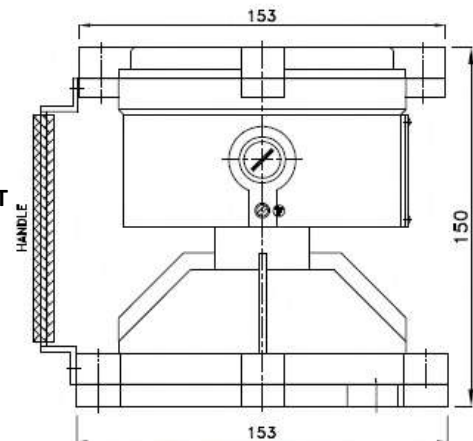


DATA SHEET FOR FLP HAND LAMP

HAND LAMP IIA & IIB, IIC UP TO 20 WATT LED

TECHNICAL DATA:

PRODUCT	:	CAT. NO.- RVL/2C/181
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	:	Ex db IIC T6 Gb (EX tb / tc IIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE-A TOUGHENED GLASS (FLAT)
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	140 V – 270 V (240 V AC)
POWER FACTOR	:	≥ 0.95
INPUT FREQUENCY	:	50 Hz.
EFFICACY	:	≥ 100 LUMEN PER WATT
COLOUR (CCT)	:	3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	:	≥ 80 RA
THD	:	≤ 10 % THD
SURFACE TEMP.	:	MAX . 70°
LED MAKE	:	CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	:	FULHAM / EQUIVALENT – BIS APPROVED



SIDE VIEW OF VESSEL LAMP

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 ,7031 , 7032 etc.

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	15	RVL/ 2C / 181 / 15
2	20	RVL/ 2C / 181 / 20

**DATA SHEET FOR FLP AVIATION LED LIGHT FITTING**

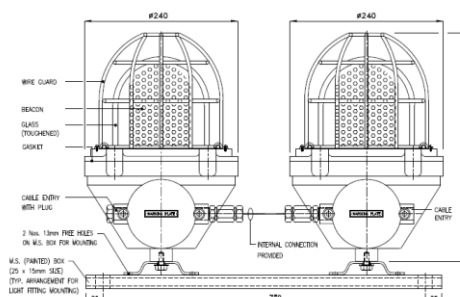
FLP- WP LED AVIATION LAMP IIA , IIB , IIC

TECHNICAL DATA:

PRODUCT	:	CAT NO : WG / 1238
ENCLOSURE	:	FLAME PROOF (Ex -d) , Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TYPE – A TOUGHENED GLASS (DOME)
HOLDER	:	ES HOLDER
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	24V DC
INPUT FREQUENCY	:	50 Hz.
SURFACE TEMPERATURE	:	MAX . 70°
LED MAKE	:	CLUSTER TYPE ' SUDHIR ' OR EQUIVELANT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	230 V AC , 110 V DC/110 V AC
3.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc..
4.	WIRE GUARD	MS WHITE EPOXY POWDER COATED / SS
5.	TYPE	SINGLE / DOUBLE
6.	COLOUR	RED , BLUE , GREEN , ORANGE ETC.

**SELECTION CHART**

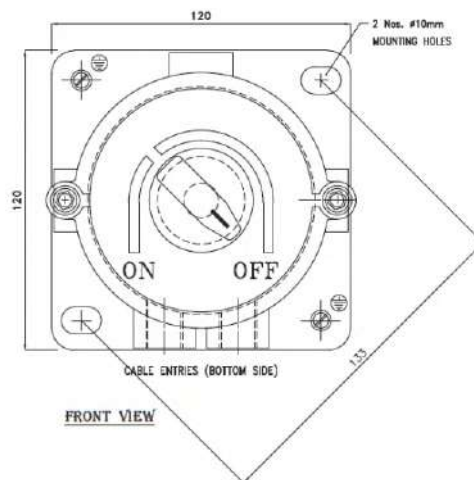
SR.NO	PARTICULAR	OPTIONS	TYPE	WATTAGE
1.	SINGLE	LOW INTENSITY	A) FLASHING B) ROTATING C) STEADY	6
2.		MEDIUM INTENSITY	A) FLASHING B) ROTATING C) STEADY	15
3.	DOUBLE	LOW INTENSITY	D) FLASHING E) ROTATING F) STEADY	6
4.		MEDIUM INTENSITY	D) FLASHING E) ROTATING F) STEADY	15



DATA SHEET FOR FLP ROTARY SWITCH (DIRECT ENTRY)

TECHNICAL DATA:

- PRODUCT : CAT NO.- RI/105
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS M20 / ½ " NPT / EQUIVALENT
- SWITCH : UP TO 32 AMP TPN

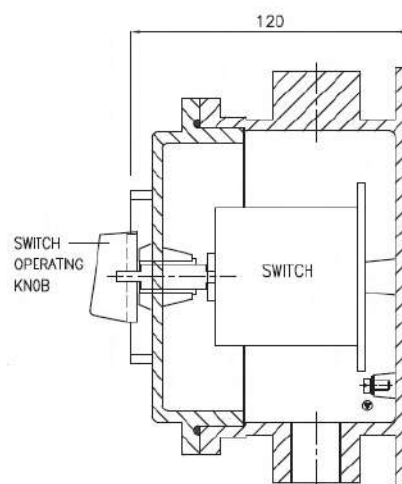


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC





DATA SHEET FOR FLP ROTARY SWITCH (DIRECT ENTRY)

TECHNICAL DATA:

- PRODUCT : RI/2C/2025
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIC T6 Gb (EX tb / tc IIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP. CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS M20/ ½" NPT/ EQUIVALENT
- SWITCH : UP TO 32AMP TPN

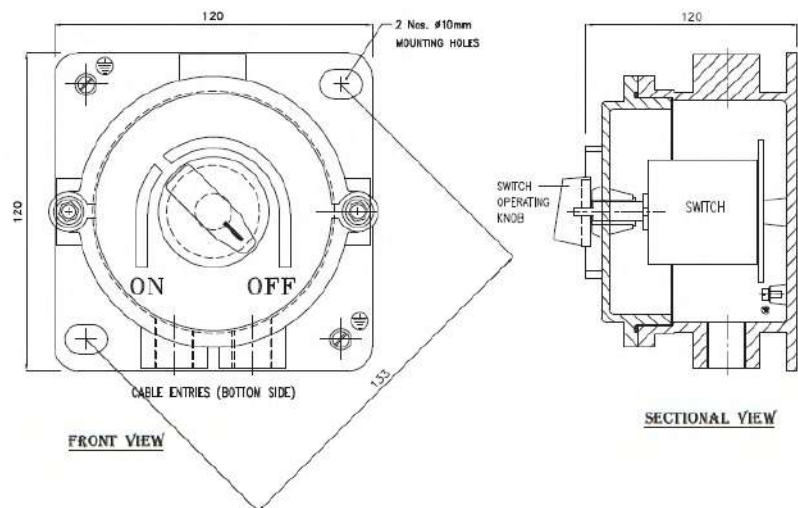


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC



**DATA SHEET FOR FLP ROTARY SWITCH WITH TERMINATION CHAMBER****TECHNICAL DATA:**

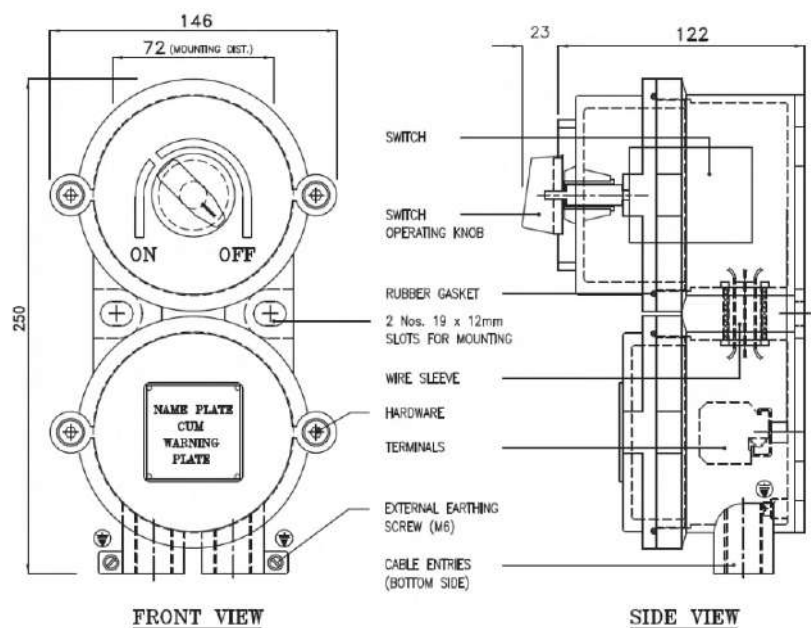
PRODUCT	: RI/OA/1010
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS OF M20/ ½" NPT/ EQUIVALENT / UP TO M25
SWITCH	: UP TO 32 AMP
TERMINALS	: 4 NOS OF 2.5SQ.MM CLIP ON TYPE TERMINAL / UPTO 6 SQ MM

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC



**DATA SHEET FOR FLP ROTARY SWITCH WITH TERMINATION CHAMBER****TECHNICAL DATA:**

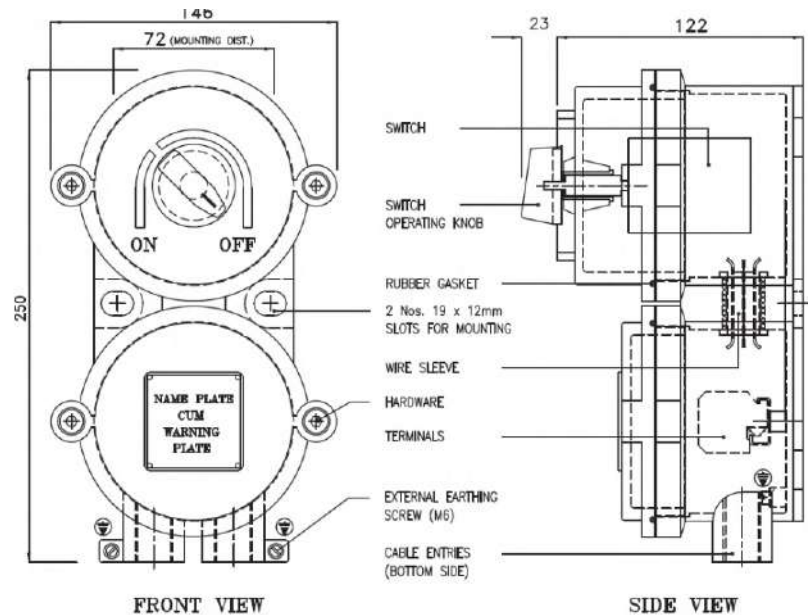
PRODUCT	: RI/2C/2021
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA ,IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS M20/ ½" NPT / EQUIVALENT / UP TO M25
SWITCH	: UP TO 32 AMP
TERMINALS	: 4 NOS OF 2.5SQ.MM CLIP ON TYPE TERMINAL / UPTO 6 SQ MM

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

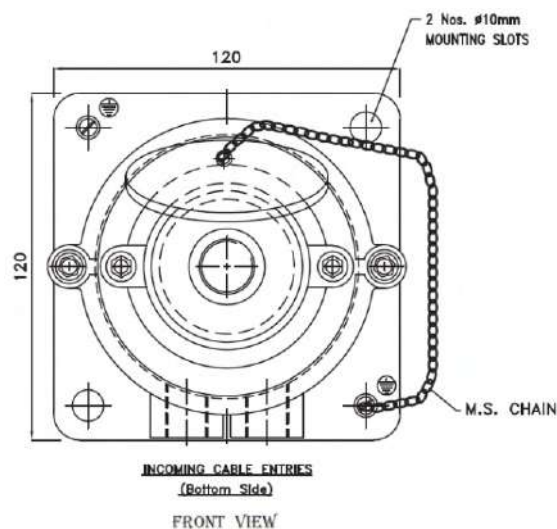
SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC



**DATA SHEET FOR FLP SWITCH SOCKET (DIRECT ENTRY)****TECHNICAL DATA:**

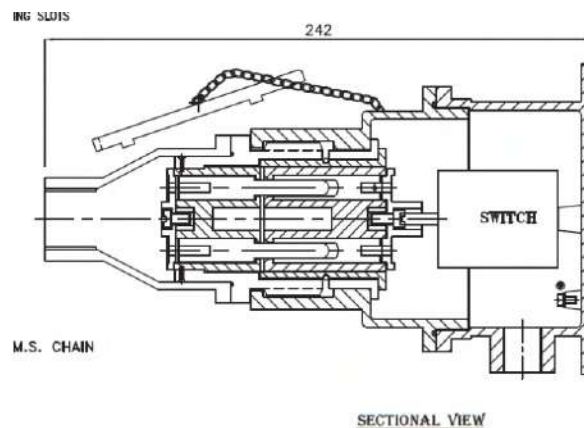
PRODUCT	: CAT.NO.- SS/105
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS M20 / ½ " NPT AT BOTTOM & 1 NO. FROM PLUG TOP / EQUIVALENT
SWITCH	: UP TO 32 AMP TPN
SOCKET	: UP TO 32 AMP TPN
PLUG TOP	: UP TO 32 AMP TPN (4P+E)
FLAP	: RUBBER FLAP WILL BE PROVIDED FOR SOCKET
INTERLOCK	: INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPIY	M.S POWDER COATED / FRP / GI
5.	TERMINAL	AS PER RATING OF SWITCH SOCKET

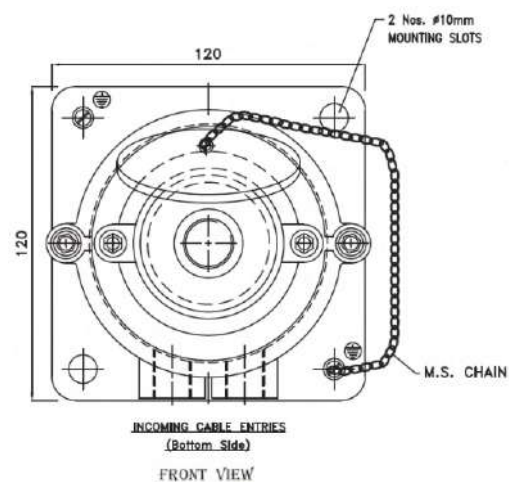
SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE	PIN
1.	16 AMP	DP	240 V AC	2P + E
2.	16 AMP	TP	415 V AC	3P + E
3.	16 AMP	TPN	415 V AC	4P + E
4.	20 AMP	DP	240 V AC	2P + E
5.	20 AMP	TP	415 V AC	3P + E
6.	20 AMP	TPN	415 V AC	4P + E
7.	25 AMP	DP	240 V AC	2P + E
8.	25 AMP	TP	415 V AC	3P + E
9.	25 AMP	TPN	415 V AC	4P + E
10.	32 AMP	DP	240 V AC	2P + E
11.	32 AMP	TP	415 V AC	3P + E
12.	32 AMP	TPN	415 V AC	4P + E

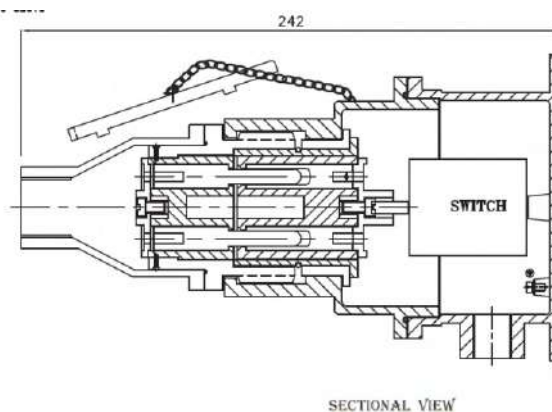


**DATA SHEET FOR FLP SWITCH SOCKET (DIRECT ENTRY)****TECHNICAL DATA:**

PRODUCT	: CAT.NO. SS/2C/2025
ENCLOSURE	: FLAME PROOF (Ex -d) , Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS AT BOTTOM AND 1 NO AT PLUG TOP OF M20/ ½" NPT/ EQUIVALENT
SWITCH	: UP TO 32AMP TPN
SOCKET	: UP TO 32AMP TPN
PLUG TOP	: UP TO 32AMP TPN (4P + E)
FLAP	: RUBBER FLAP WILL BE PROVIDED FOR SOCKET
INTERLOCK	: INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

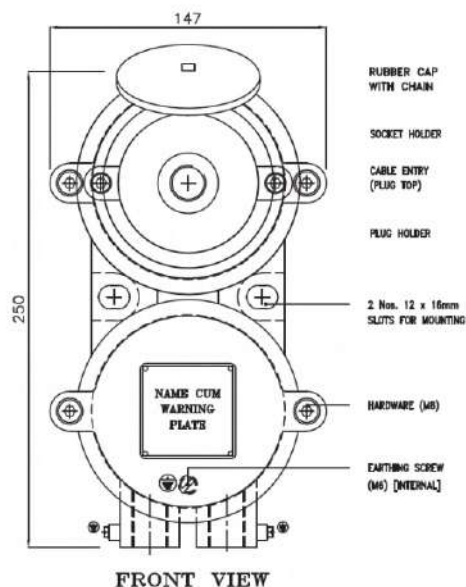




DATA SHEET FOR FLP SWITCH SOCKET WITH TERMINATION CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT. NO.- SS/OA/1010
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS AT BOTTOM AND 1 NO AT PLUG TOP OF
M20/ ½” NPT/ EQUIVALENT / UP TO M25
- FLAP : RUBBER FLAP WILL BE PROVIDED FOR SOCKET
- TERMINALS : 4 NOS OF 2.5SQ.MM CLIP ON TYPE TERMINAL
UPTO 6 SQ MM
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS
THE PLUG CAN NOT BE REMOVED WHEN THE
SWITCH IS IN “ON” POSITION AND CAN BE
WITHDRAWN ONLY
WHEN THE SWITCH IS IN “OFF” POSITION.

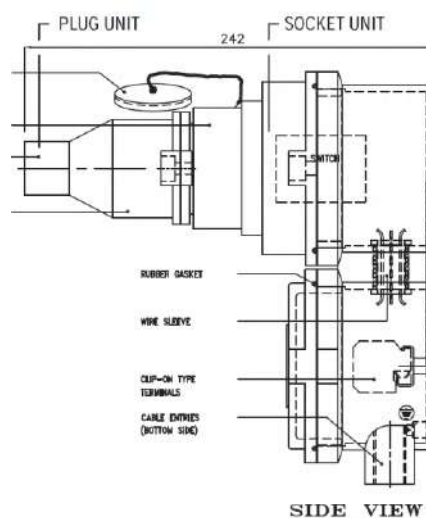


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPIY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE	PIN
1.	16 AMP	DP	240 V AC	2P + E
2.	16 AMP	TP	415 V AC	3P + E
3.	16 AMP	TPN	415 V AC	4P + E
4.	20 AMP	DP	240 V AC	2P + E
5.	20 AMP	TP	415 V AC	3P + E
6.	20 AMP	TPN	415 V AC	4P + E
7.	25 AMP	DP	240 V AC	2P + E
8.	25 AMP	TP	415 V AC	3P + E
9.	25 AMP	TPN	415 V AC	4P + E
10.	32 AMP	DP	240 V AC	2P + E
11.	32 AMP	TP	415 V AC	3P + E
12.	32 AMP	TPN	415 V AC	4P + E

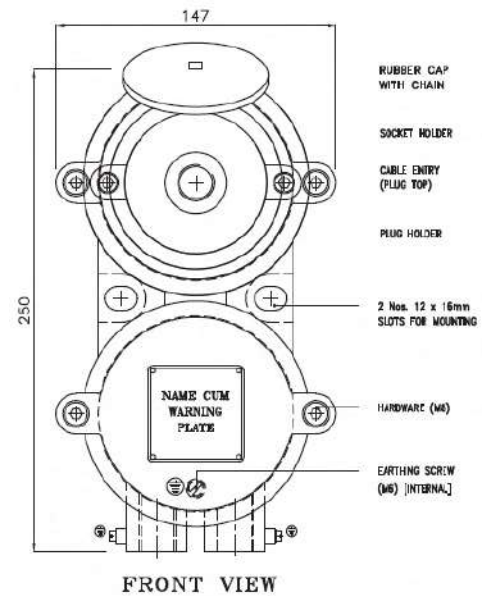




DATA SHEET FOR FLP SWITCH SOCKET WITH TERMINATION CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT.NO.- SS/2C/2021
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA ,IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS AT BOTTOM AND 1 NO AT PLUG TOP OF
M20/ ½” NPT / EQUIVALENT / UP TO M25
- FLAP : RUBBER FLAP WILL BE PROVIDED FOR SOCKET
- TERMINALS : 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINAL /
UPTO 6 SQ. MM.
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS THE PLUG
CAN NOT BE REMOVED
WHEN THE SWITCH IS IN “ON” POSITION AND
CAN BE WITHDRAW ONLY
WHEN THE SWITCH IS IN “OFF” POSITION.

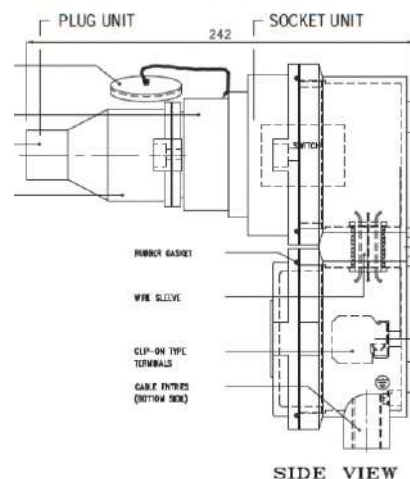


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

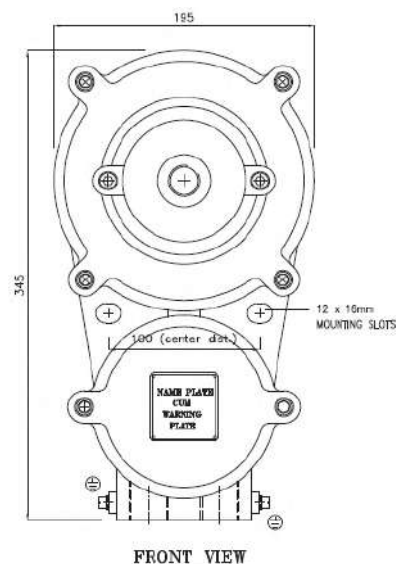
SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE	PIN
1.	16 AMP	DP	240 V AC	2P + E
2.	16 AMP	TP	415 V AC	3P + E
3.	16 AMP	TPN	415 V AC	4P + E
4.	20 AMP	DP	240 V AC	2P + E
5.	20 AMP	TP	415 V AC	3P + E
6.	20 AMP	TPN	415 V AC	4P + E
7.	25 AMP	DP	240 V AC	2P + E
8.	25 AMP	TP	415 V AC	3P + E
9.	25 AMP	TPN	415 V AC	4P + E
10.	32 AMP	DP	240 V AC	2P + E
11.	32 AMP	TP	415 V AC	3P + E
12.	32 AMP	TPN	415 V AC	4P + E

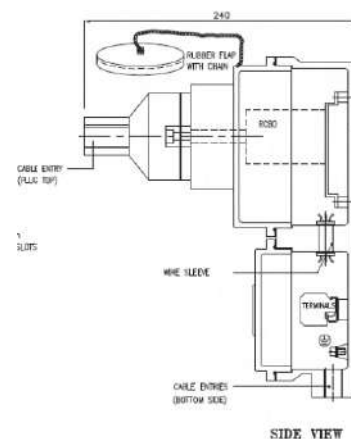


**DATA SHEET FOR FLP SWITCH SOCKET WITH TRANSFORMER****TECHNICAL DATA:**

PRODUCT	: SS/OA/174
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 Nos AT BOTTOM AND 1 NO AT PLUG TOP OF M20 / ½ " NPT / EQUIVALENT/UP TO M25
SWITCH	: UP TO 16AMP DP
SOCKET	: UP TO 16AMP DP
PLUG TOP	: UP TO 16AMP DP (2P + E)
TRANSFORMER	: 100VA 230/24V AC

**OPTIONS**

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI



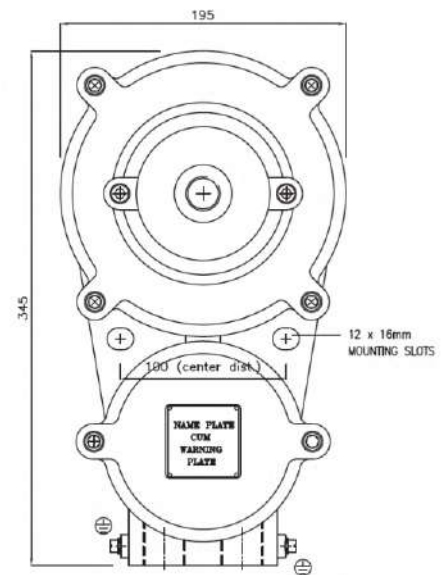
NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB / RCBO / MCB COMBINATION AS PER CUSTOMER REQUIREMENT



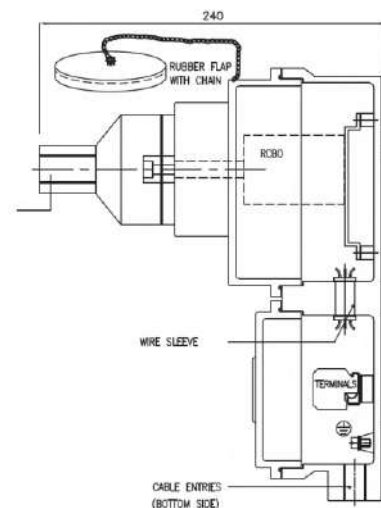
DATA SHEET FOR FLP SWITCH SOCKET WITH TRANSFORMER

TECHNICAL DATA:

- PRODUCT : SS/2C/2015
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos AT BOTTOM AND 1 NO AT PLUG TOP OF
M20 / ½ " NPT / EQUIVALENT/UP TO M25
- SWITCH : UP TO 16AMP DP
- SOCKET : UP TO 16AMP DP
- PLUG TOP : UP TO 16AMP DP (2P + E)
- TRANSFORMER : 100VA 230/24V AC



FRONT VIEW



SIDE VIEW

OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

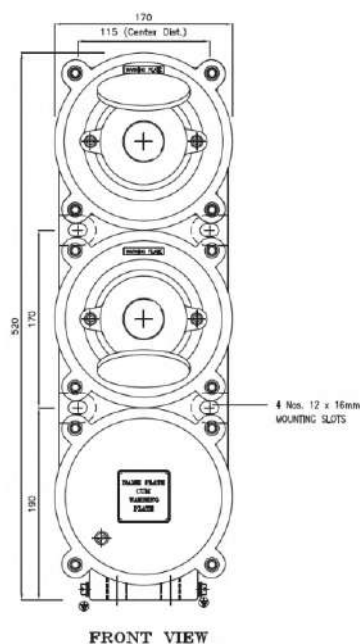
NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB / RCBO / MCB COMBINATION AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP SWITCH SOCKET SINGLE / TWIN WITH TERMINAL CHAMBER.

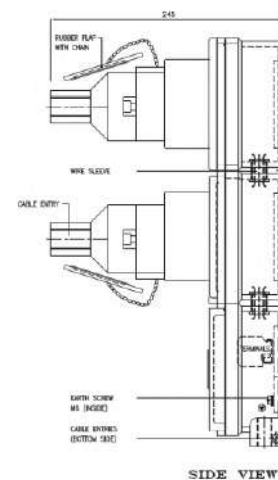
TECHNICAL DATA:

PRODUCT	: CAT.NO. SS/187
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASS	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS AT BOTTOM M25/ ¾" NPT/ 1" ET AND 2 NOS PLUG TOP M20/ ½" NPT/ ¾" ET/EQUIVALENT
SWITCH	: UP TO 32 AMP
SOCKET	: UP TO 32 AMP
PLUG TOP	: UP TO 32 AMP (4P+E)
FLAP	: RUBBER FLAP WILL BE PROVIDED FOR SOCKET
TERMINALS	: 10 NOS OF 2.5/10 SQ.MM CLIP ON TYPE TERMINAL
INTERLOCK	: INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP/ GI



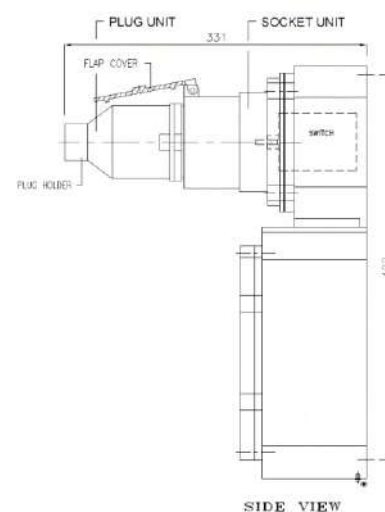
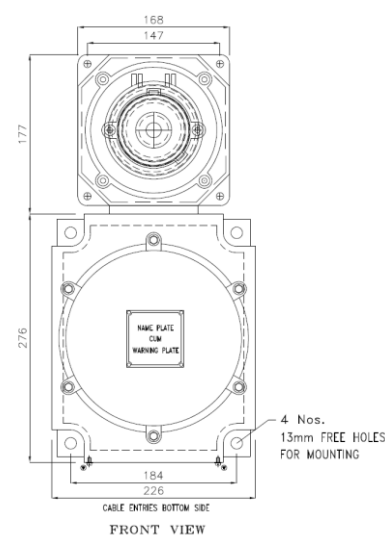
NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB / RCBO / MCB COMBINATION AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP SWITCH SOCKET (63 A TPN)

TECHNICAL DATA:

PRODUCT	: CAT. NO.- SS/214
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
RATING	: 63 AMP 4P+E
VOLTAGE	: 415 V AC
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS: 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS AT M40 BOTTOM AND 1 NO AT PLUG TOP M32/1 ¼" NPT / EQUIVALENT
SWITCH	: 63 AMP 4P 415V
SOCKET	: 63 AMP (4P + E)
PLUG TOP	: 63 AMP (4P + E)
COMBINATION	: SWITCH SOCKET WITH MCB PLUG & SOCKET 63 AMP SWITCH SOCKET WITH ELCB 63 AMP 4P, SWITCH SOCKET WITH MCCB 63 AMP 4P, SWITCH SOCKET WITH RCBO 63AMP,
FLAP	: RUBBER FLAP WILL BE PROVIDED FOR SOCKET
TERMINAL	: 4 NOS OF UPTO 50 SQ.MM BUSBAR TYPE TERMINAL
INTERLOCK	: INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.



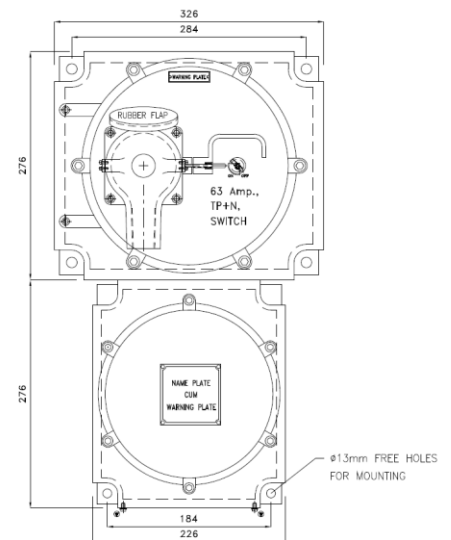
OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP

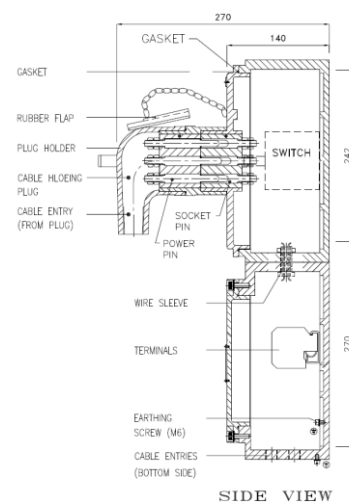
NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB / RCBO / MCCB COMBINATION AS PER CUSTOMER REQUIREMENT

**DATA SHEET FOR FLP SWITCH SOCKET (UP TO 250 A)****TECHNICAL DATA:**

PRODUCT	: CAT. NO. RCP/2C/2022
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
SWITCH	: UP TO 250 AMP
SOCKET	: UP TO 250 AMP
PLUG TOP	: UP TO 250 AMP (4P + E)
INTERLOCK	: INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION



FRONT VIEW



SIDE VIEW

OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ENTRIES / TERMINAL	AS PER RATING OF SOCKET
5.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR. NO	AMP	PIN	VOLTAGE	ENTRY		
				BOTTOM	PLUG TOP	TERMINAL
1.	63 AMP	4P + E	415 V AC	2 X M40 / 1 1/4" NPT / 1 1/2" ET	1 X M32	50 SQ.MM
2.	100 AMP	4P + E	415 V AC	2 X M40 / 1 1/4" NPT / 1 1/2" ET	1 X M32	70 SQ.MM
3.	125 AMP	4P + E	415 V AC	2 X M40 / 1 1/4" NPT / 1 1/2" ET	1 X M32	70 SQ.MM
4.	200 AMP	4P + E	415 V AC	2 X M50 / 1 1/4" NPT / 2" ET	1 X M40	90 SQ.MM
5.	250 AMP	4P + E	415 V AC	2 X M63 / 2" NPT / 2 1/2" ET	1 X M40	150-180 SQ.MM

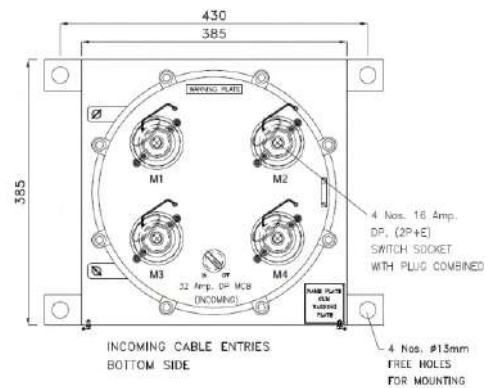
NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB / RCBO / MCCB COMBINATION AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP MULTIPLE SWITCH SOCKET

TECHNICAL DATA:

- PRODUCT : CAT. NO. RCP/2C/2022
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASS : Ex db IIC T6 Gb (EX tb / tc IIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SWITCH : UP TO 32 AMP
- SOCKET : UP TO 32 AMP
- PLUG TOP : UP TO 32 AMP (4P + E)
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS
THE PLUG CAN NOT BE REMOVED
WHEN THE SWITCH IS IN "ON" POSITION AND
CAN BE WITHDRAW ONLY
WHEN THE SWITCH IS IN "OFF" POSITION



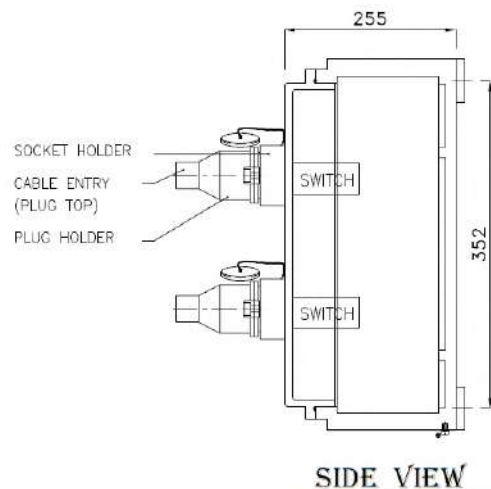
FRONT VIEW

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	VOLTAGE	230 V AC / 415 V
5.	TRANSFORMER	WITH TRANSFORMER
6.	ENTRIES / TERMINAL	AS PER RATING OF SOCKET
7.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	SWITCH SOCKET COBINATION
1	4 NOS UP TO 32 A DP 2 P + E
2	6 NOS UP TO 32 A TPN 4 P + E
3	8 NOS UP TO 32 A TPN 4 P + E
4	10 NOS UP TO 32 A TPN 4 P + E
5	12 NOS UP TO 32 A TPN 4 P + E



SIDE VIEW

NOTE:- SWITCH SOCKET CAN BE PROVIDED WITH ELCB, RCBO & MCB COMBINATION AS WELL



DATA SHEET FOR FLP SWITCH FUSE UNIT

TECHNICAL DATA:

- PRODUCT : CAT NO.: RCP /2015
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- FUSE : HRC FUSE LINK.

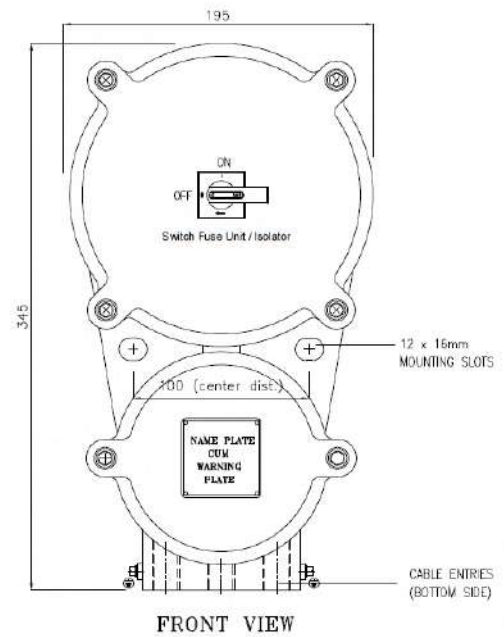


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	16 A TP	415 V	2 NOS M20 / 1/2 " NPT / EQUIVALENT
2	25 A TP	415 V	2 NOS M20 / 1/2 " NPT / EQUIVALENT
3	32 A TP	415 V	2 NOS M25 / 3/4 " NPT / EQUIVALENT



**DATA SHEET FOR FLP SWITCH FUSE UNIT****TECHNICAL DATA:**

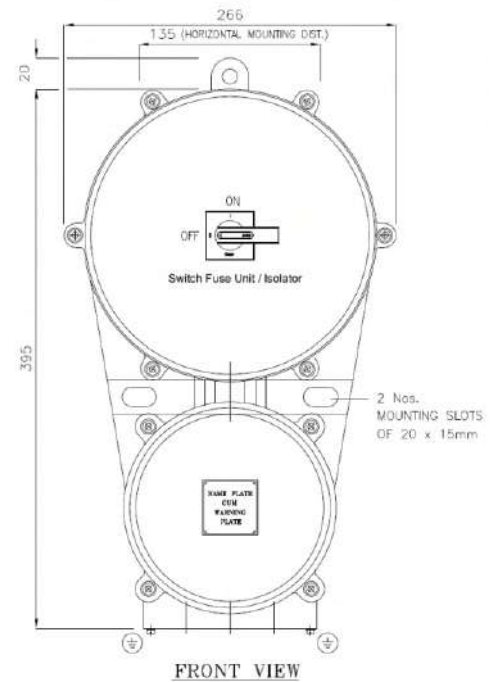
PRODUCT	: CAT NO.: CGB /2C/131.
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
FUSE	: HRC FUSE LINK.

**OPTIONS**

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	40 A TP	415 V	2 NOS M32 / 1 1/4 " NPT / EQUIVALENT
2	63 A TP	415 V	2 NOS M32 / 1 1/4 " NPT / EQUIVALENT





DATA SHEET FOR FLP SWITCH FUSE UNIT

TECHNICAL DATA:

- PRODUCT : CAT NO.: MCDB / 186.
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- FUSE : HRC FUSE LINK.

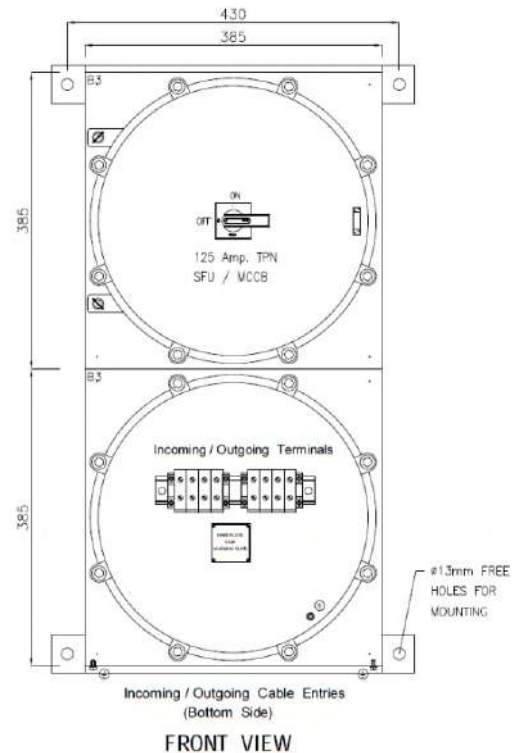


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	125 A TP	415 V	AS PER CUSTOMER REQUIRMENT
2	250 A TP	415 V	AS PER CUSTOMER REQUIRMENT





DATA SHEET FOR FLP SWITCH FUSE UNIT

TECHNICAL DATA:

- PRODUCT : CAT NO.: RCP /221.
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- FUSE : HRC FUSE LINK.

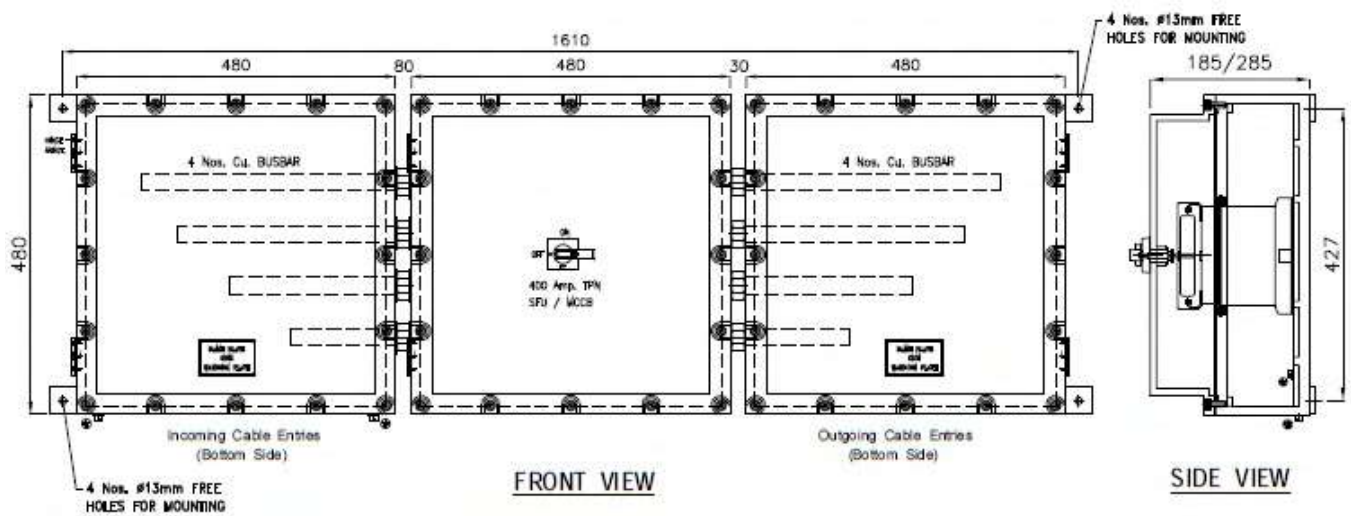


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	400 A TP	415 V	AS PER CUSTOMER REQUIRMENT
2	630 A TP	415 V	AS PER CUSTOMER REQUIRMENT





DATA SHEET FOR FLP SWITCH FUSE UNIT

TECHNICAL DATA:

- PRODUCT : CAT NO.: RCP/2C/2022.
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- FUSE : HRC FUSE LINK.

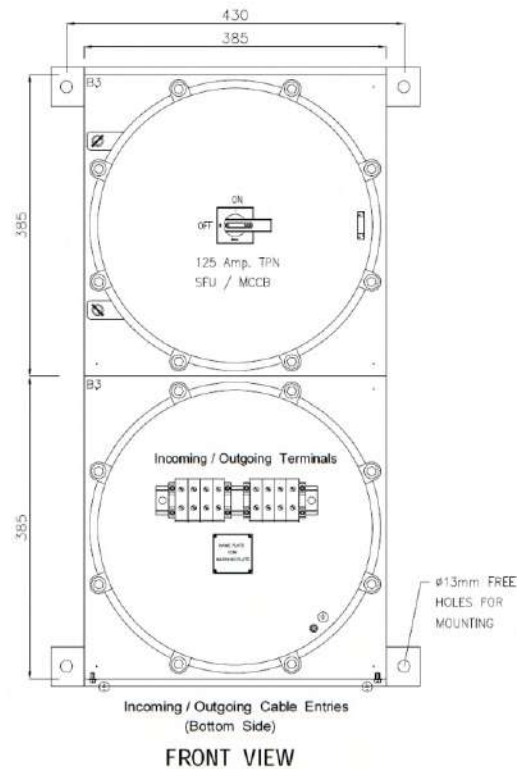


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	125 A TP	415 V	AS PER CUSTOMER REQUIREMENT
2	250 A TP	415 V	AS PER CUSTOMER REQUIREMENT
3	400 A TP	415 V	AS PER CUSTOMER REQUIREMENT





DATA SHEET FOR FLP MCCB

TECHNICAL DATA:

- PRODUCT : CAT NO.: MCDB / 186 , RCP /215
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA , IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE

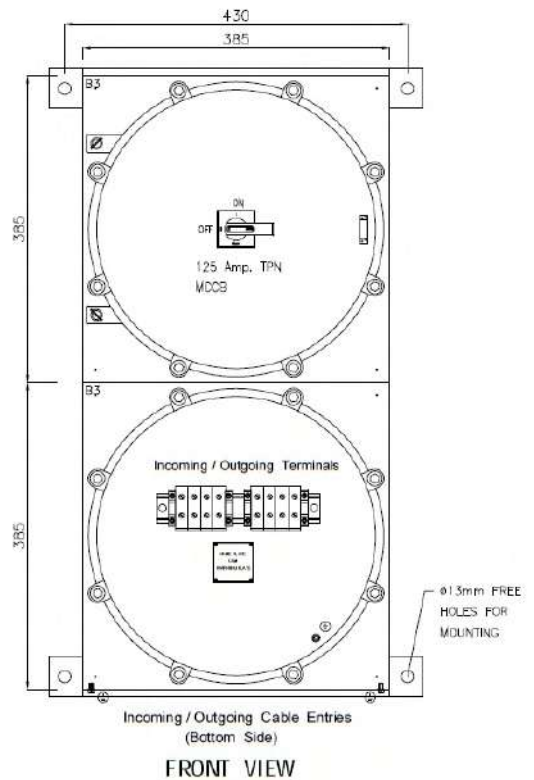


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	100 A TPN	415 V	M40 / 1 ½ " NPT / EQUIVALENT
2	160 A TPN	415 V	M40 / 1 ½ " NPT / EQUIVALENT
3	125 A TPN	415 V	M40 / 1 ½ " NPT / EQUIVALENT
4	250 A TPN	415 V	AS PER CUSTOMER
5	400 A TPN	415 V	AS PER CUSTOMER





DATA SHEET FOR FLP MCCB

TECHNICAL DATA:

- PRODUCT : CAT NO.: RCP / 2C / 2022
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE

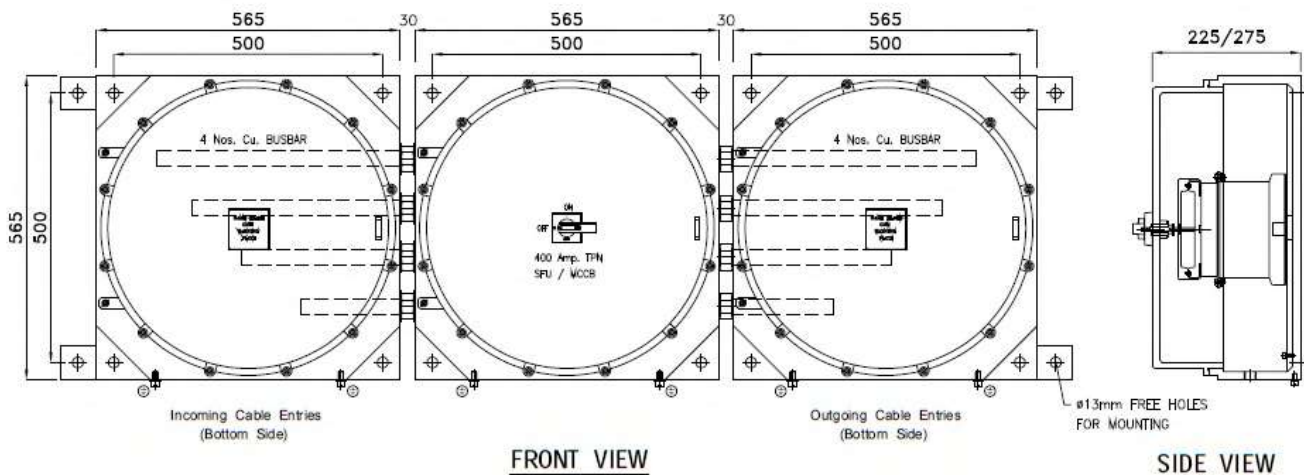


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	RATING	VOLTAGE	ENTRIES
1	100 A TPN	415 V	M40 / 1 1/2 " NPT / EQUIVALENT
2	160 A TPN	415 V	M40 / 1 1/2 " NPT / EQUIVALENT
3	125 A TPN	415 V	M40 / 1 1/2 " NPT / EQUIVALENT
4	250 A TPN	415 V	AS PER CUSTOMER REQUIREMENT
5	400 A TPN	415 V	AS PER CUSTOMER REQUIREMENT

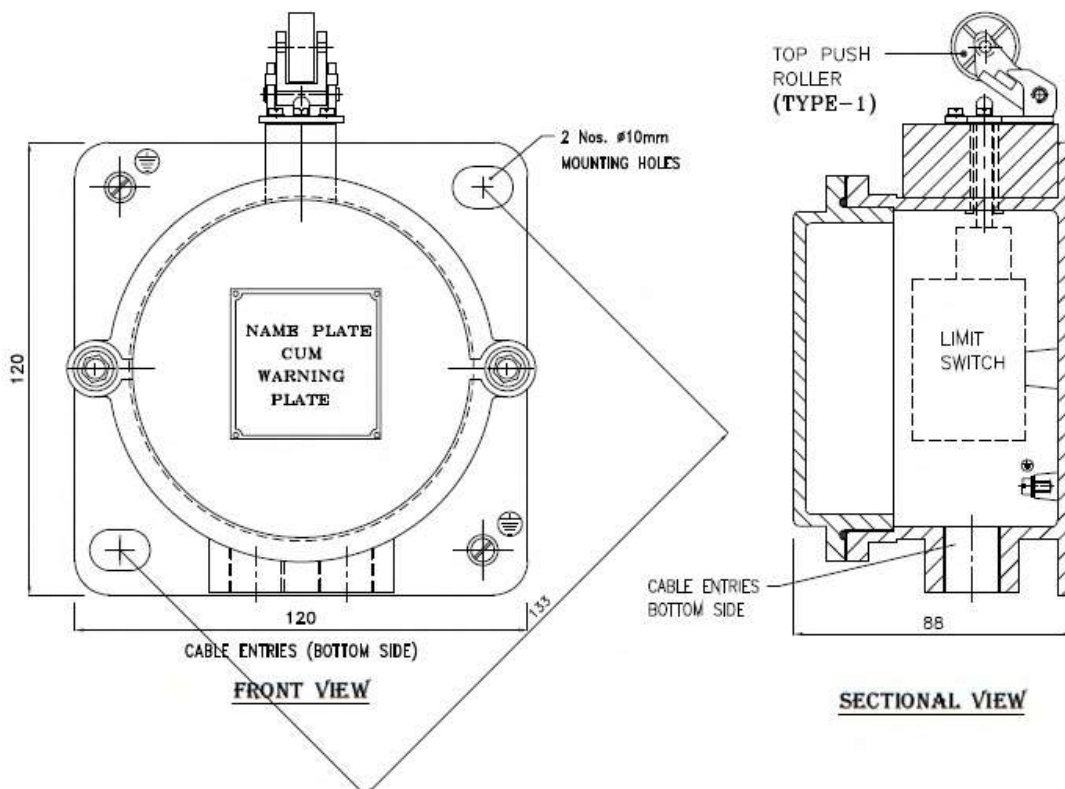


**DATA SHEET FOR FLP LIMIT SWITCH (DIRECT ENTRY)****TECHNICAL DATA:**

PRODUCT NAME	: CAT NO : LS / 2C / 2025
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 1 No's M20 / ½ " NPT / EQUIVALENT
RATING	: 10A , 415 V AC
ELEMENT	: 1 NO + 1 NC 10 A 415 V AC

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	TYPE	TOP PUSH ROLLER LONG LEVER ONE WAY / TWO WAY TOP PUSH ROD
2.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	ELEMENTS	2 NO + 2 NC

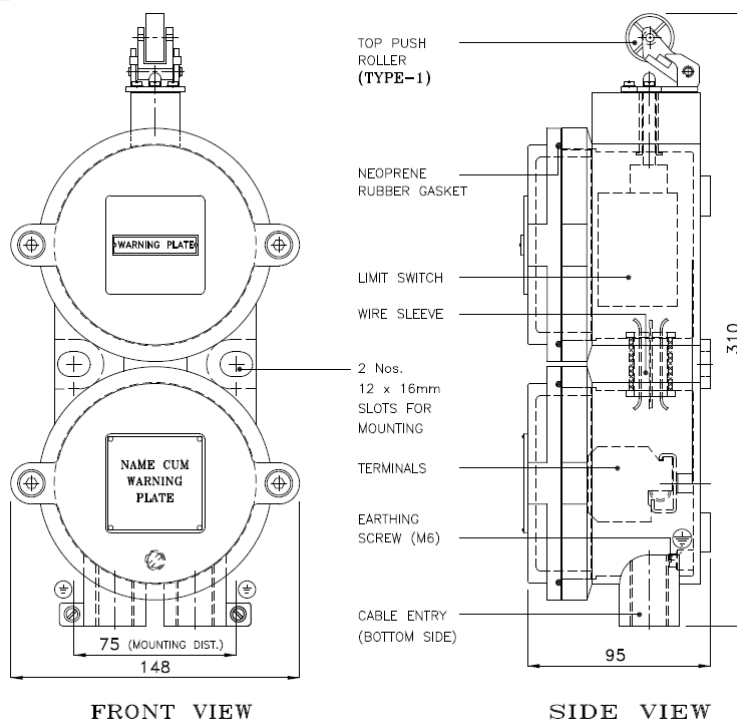


**DATA SHEET FOR FLP LIMIT SWITCH WITH TERMINAL CHAMBER****TECHNICAL DATA:**

PRODUCT NAME	: CAT NO : LS / OA /1010
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA & IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 No's M20 / ½ " NPT / EQUIVALENT
TERMINALS	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS
RATING	: 10A , 415 V AC
ELEMENT	: 1 NO + 1 NC 10 A 415 V AC

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	TYPE	TOP PUSH ROLLER LONG LEVER ONE WAY / TWO WAY TOP PUSH ROD
2.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	ELEMENTS	2 NO + 2 NC

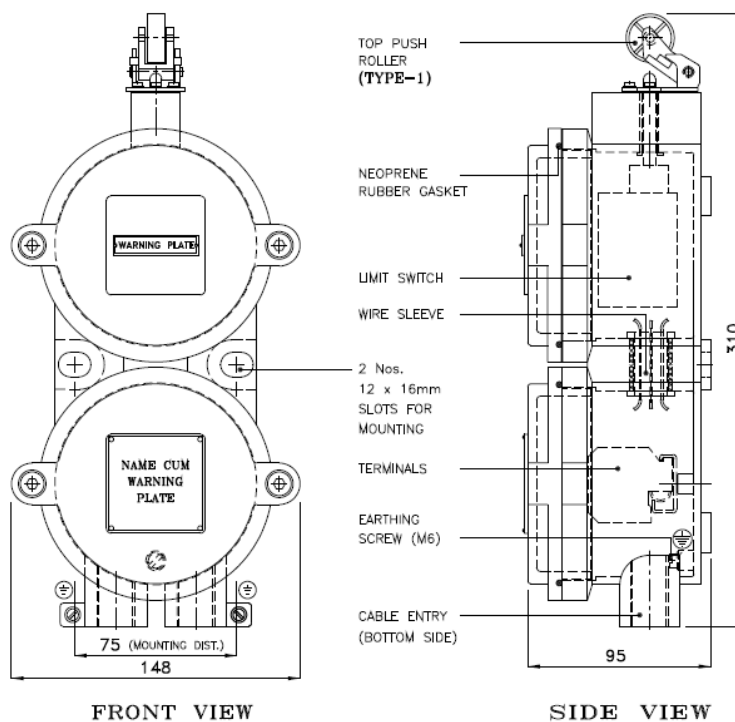


**DATA SHEET FOR FLP LIMIT SWITCH WITH TERMINAL CHAMBER****TECHNICAL DATA:**

PRODUCT NAME	: CAT NO : LS / 2C / 2021
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 No's M20 / ½ " NPT / EQUIVALENT
TERMINALS	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS
RATING	: 10A , 415 V AC
ELEMENT	: 1 NO + 1 NC 10 A 415 V AC

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	TYPE	TOP PUSH ROLLER LONG LEVER ONE WAY / TWO WAY TOP PUSH ROD
2.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	ELEMENTS	2 NO + 2 NC





DATA SHEET FOR FLP LIMIT SWITCH

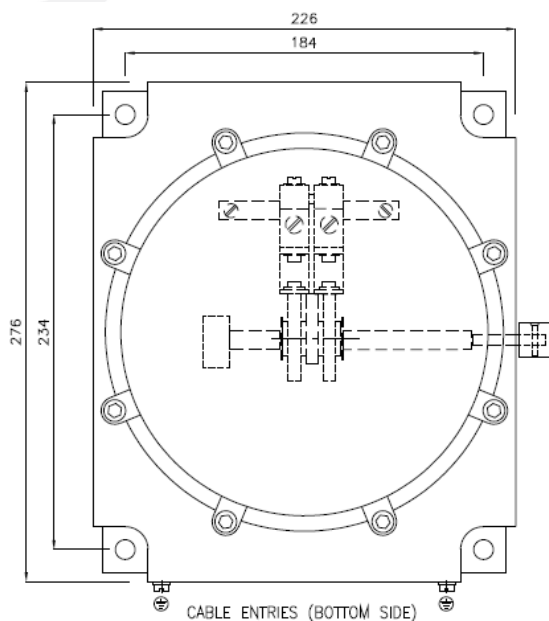
TECHNICAL DATA:

PRODUCT NAME	: CAT NO : RCP / 215
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA & IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 No's M20 / ½ " NPT / EQUIVALENT
RATING	: 10A , 415 V AC
ELEMENT	: 1 NO + 1 NC 10 A 415 V AC

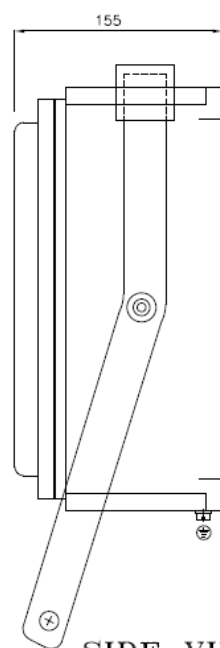


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	TYPE	GRAVITY / COUNTER WEIGHT LIMIT SWITCH ROTARY GEAR LIMIT SWITCH
2.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	ELEMENTS	2 NO + 2 NC / 4 NO + 4 NC



FRONT VIEW



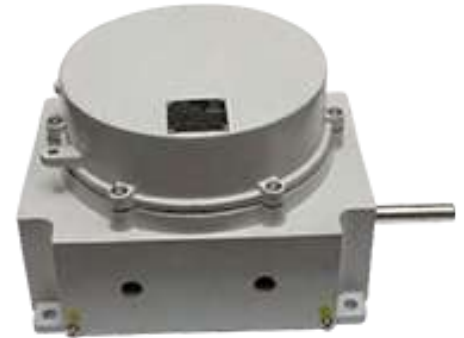
SIDE VIEW



DATA SHEET FOR FLP LIMIT SWITCH

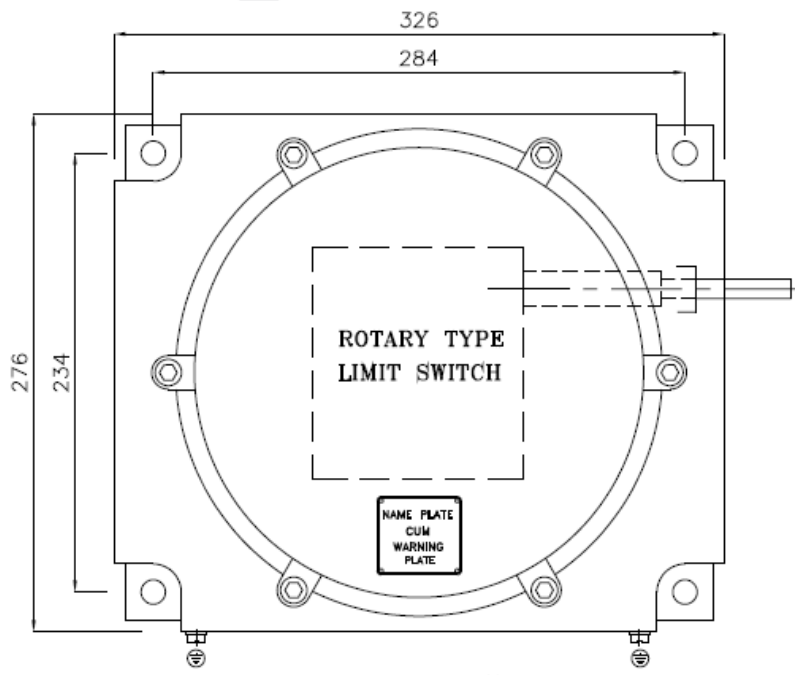
TECHNICAL DATA:

- PRODUCT NAME : CAT NO : RCP / 2C /2022
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB,IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR , BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 No's M20 / ½ " NPT / EQUIVALENT
- RATING : 10A , 415 V AC
- ELEMENT : 1 NO + 1 NC 10 A 415 V AC



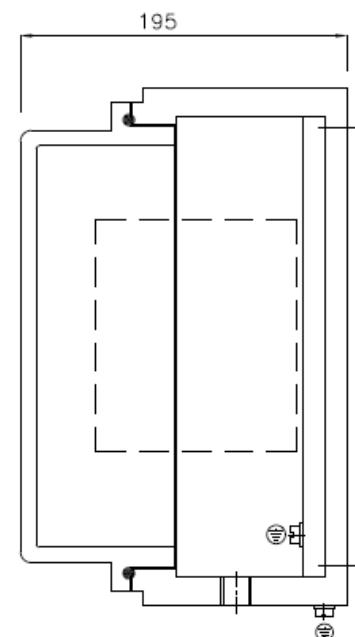
OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	TYPE	GRAVITY / COUNTER WEIGHT LIMIT SWITCH ROTARY GEAR LIMIT SWITCH
2.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	ELEMENTS	2 NO + 2 NC / 4 NO + 4 NC



CABLE ENTRIES (BOTTOM SIDE)

FRONT VIEW



SIDE VIEW

**DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) (DIRECT ENTRY)****TECHNICAL DATA:**

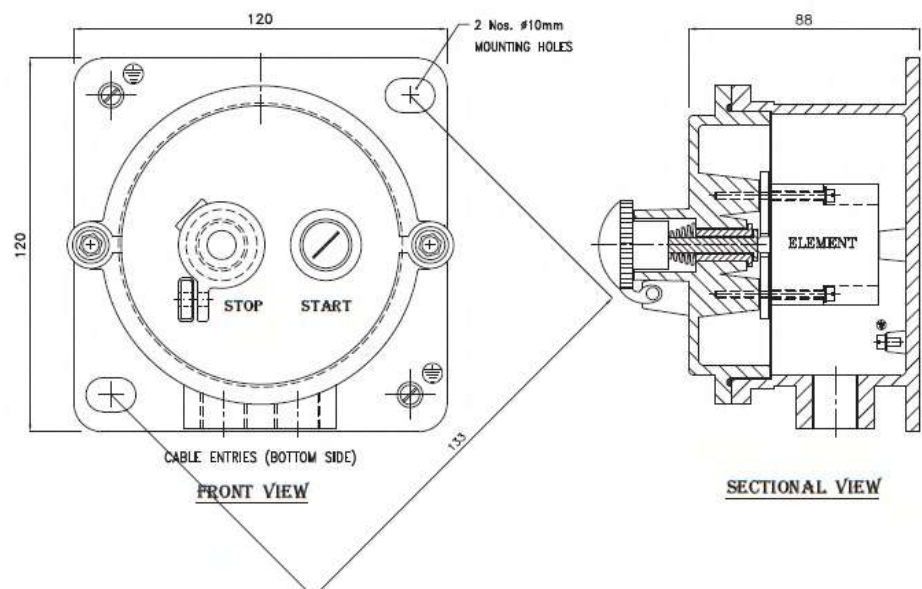
PRODUCT	: CAT. NO.- PBS/105
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	INDICATION LAMP
5.	ON/OFF WITH LAMP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) (DIRECT ENTRY)

TECHNICAL DATA:

- PRODUCT : CAT. NO. - PBS/2C/2025
- ENCLOSURE : FLAME PROOF (Ex -d) , Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT

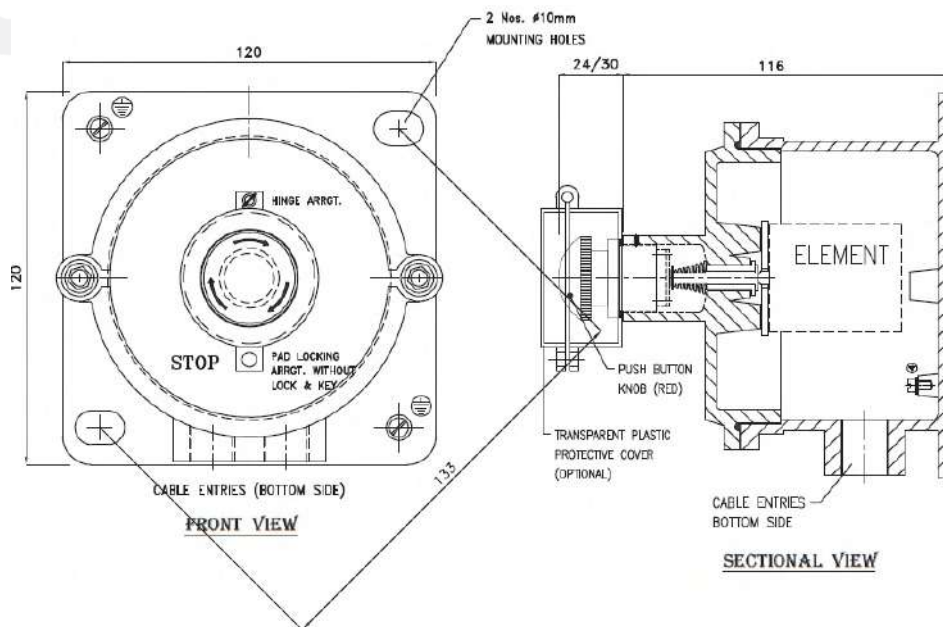


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	INDICATION LAMP
5.	ON/OFF WITH LAMP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT NO.-PBS/OA/1010
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT / UP TO M25
- TERMINALS : 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS

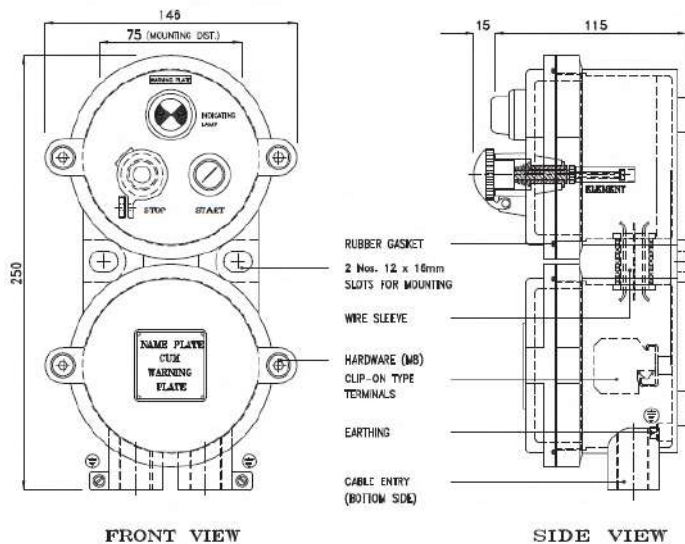


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	ON/OFF WITH INDICATION LAMP
5.	REVERSE FORWARD STOP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

PRODUCT	: CAT NO.-PBS/2C/2021
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1: 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS: 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 Nos M20 / ½ "NPT / EQUIVALENT
TERMINALS	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS

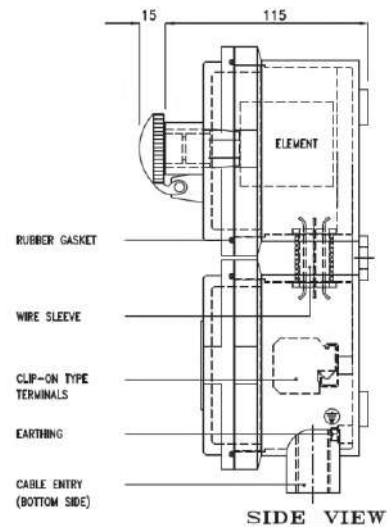
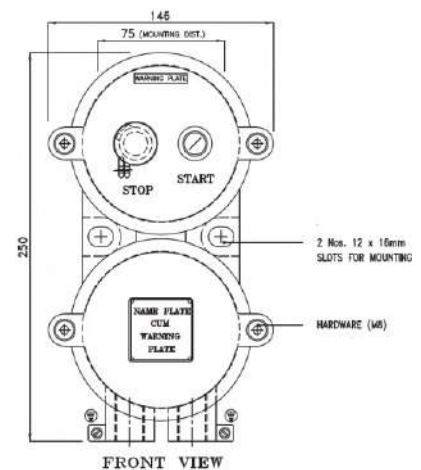


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	TERMINALS	AS PER REQUIREMENT

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	ON/OFF WITH INDICATION LAMP
5.	REVERSE FORWARD STOP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT NO.-PBS/174
- ENCLOSURE : FLAME PROOF (Ex – d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT/UP TO M25
- TERMINALS : 12 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS

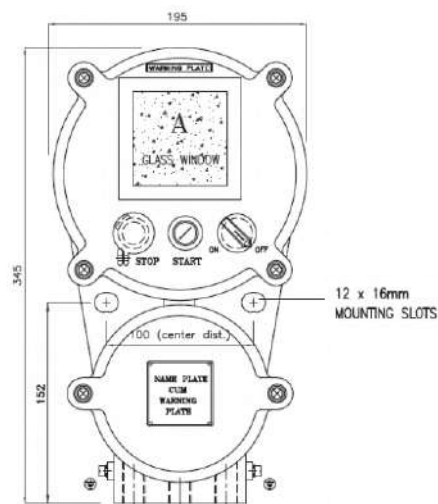


OPTIONS

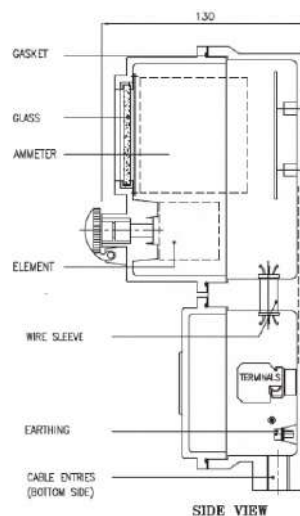
SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	COMBINATION
1.	ON/OFF PBS WITH AMMETER
2.	ON/OFF PBS WITH SELECTOR SWITCH
3.	ON/OFF PBS WITH AMMETER AND SELECTOR SWITCH
4.	2 PUSH BUTTON AND 2 INDICATION LAMP
5.	3 PUSH BUTTON AND 3 INDICATION LAMP



FRONT VIEW



SIDE VIEW

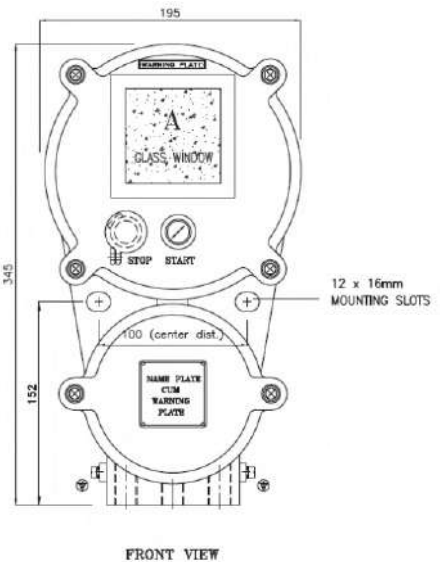
NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT NO.- PBS/2C/2015
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M25 / 1 " NPT / EQUIVALENT/UP TO M25
- TERMINALS : 12 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS

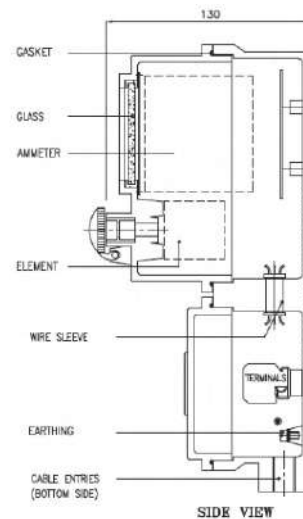


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	COMBINATION
1.	ON/OFF PBS WITH AMMETER
2.	ON/OFF PBS WITH SELECTOR SWITCH
3.	ON/OFF PBS WITH AMMETER AND SELECTOR SWITCH
4.	2 PUSH BUTTON AND 2 INDICATION LAMP
5.	3 PUSH BUTTON AND 3 INDICATION LAMP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT NO.-PBS/2C/131
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M25 / 1" NPT / EQUIVALENT
- TERMINALS : 14 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS

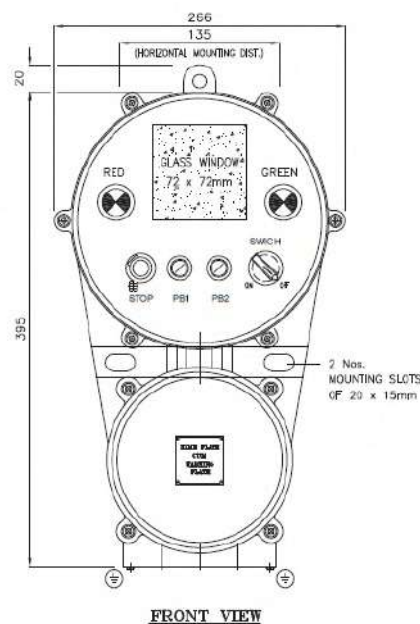


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	COMBINATION
1.	ON/OFF WITH AMMETER & INDICATING LAMP WITH SELECTOR SWITCH



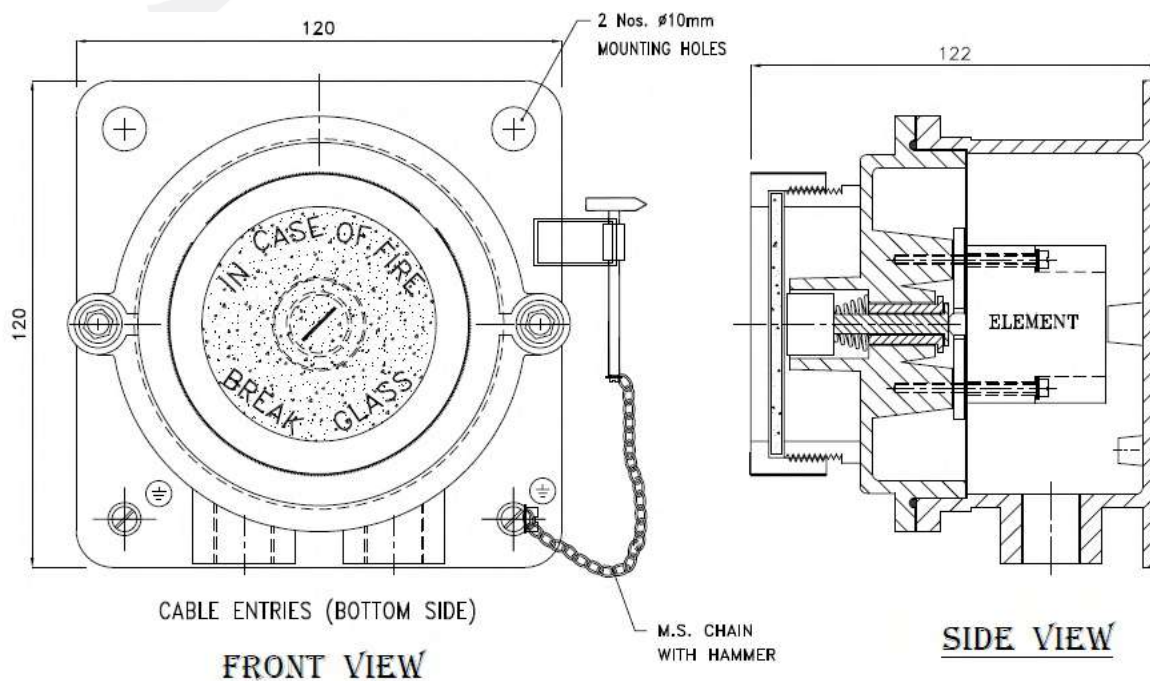
NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT

**DATA SHEET FOR FLP FIRE ALARM (DIRECT ENTRY)****TECHNICAL DATA:**

PRODUCT	: CAT NO : FA / 105
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ACTUATOR	: RED COLOUR SPRING RETURN ACTUATOR
ELEMENT	: 1 NO 10 A , 415 V AC, 1 NO + 1 NC ELEMEN
GLASS	: 1 NO 2 MM THICK BREAKABLE GLASS
HAMMER	: STAINLESS STEEL HAMMER (FOR BREAKING GLASS) WITH CHAIN
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

**NOTE : INCASE OF FIRE BREAK THE GLASS.**



DATA SHEET FOR FLP FIRE ALARM (DIRECT ENTRY)

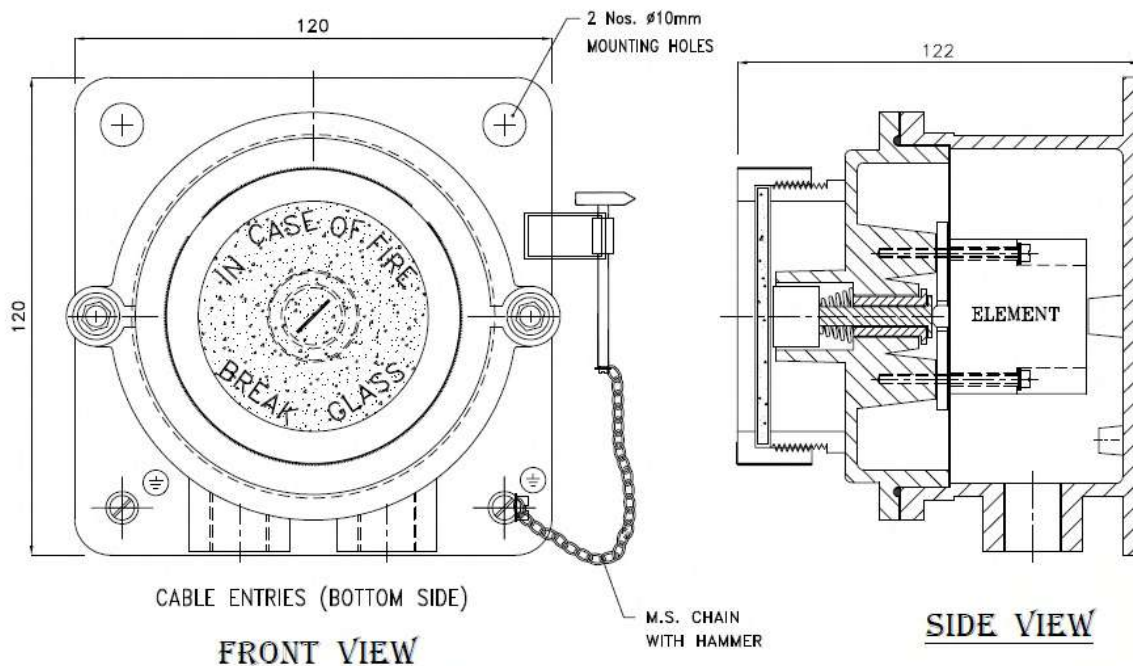
TECHNICAL DATA:

PRODUCT	: CAT NO: FA / 2C / 2025
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ACTUATOR	: RED COLOUR SPRING RETURN ACTUATOR
ELEMENT	: 1 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
GLASS	: 1 NO 2 MM THICK BREAKABLE GLASS
HAMMER	: STAINLESS STEEL HAMMER (FOR BREAKING GLASS) WITH CHAIN
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI



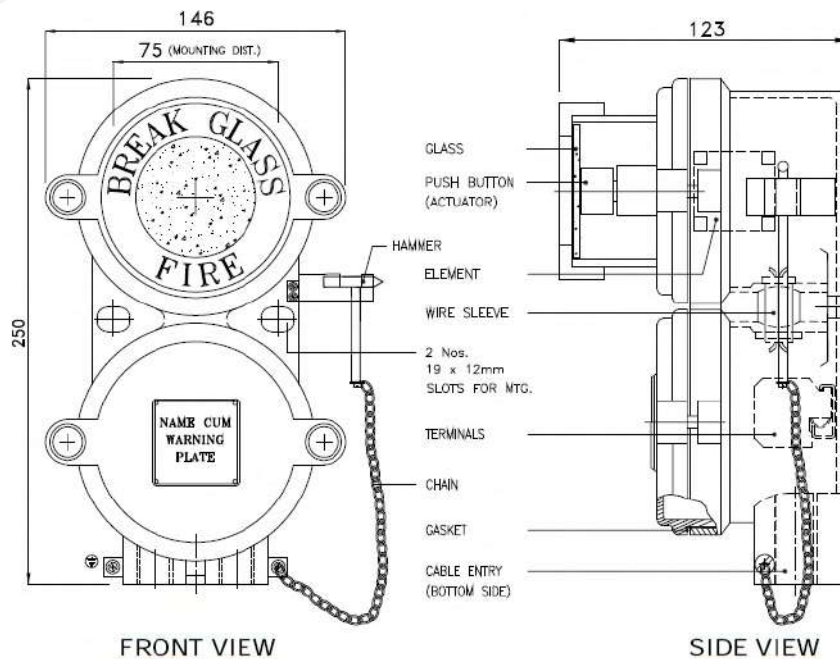
NOTE : INCASE OF FIRE BREAK THE GLASS.

**DATA SHEET FOR FLP FIRE ALARM WITH TERMINAL CHAMBER****TECHNICAL DATA:**

PRODUCT	: CAT NO: FA / OA/1010
ENCLOSURE	: FLAME PROOF (Ex -d) , Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ACTUATOR	: RED COLOUR SPRING RETURN ACTUATOR
ELEMENT	: 1 NO 10 A , 415V AC 1 NO + 1 NC ELEMENT
GLASS	: 1 NO 2 MM THICK BREAKABLE GLASS
HAMMER	: STAINLESS STEEL HAMMER (FOR BREAKING GLASS) WITH CHAIN
TERMINAL ENTRIES	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS. 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

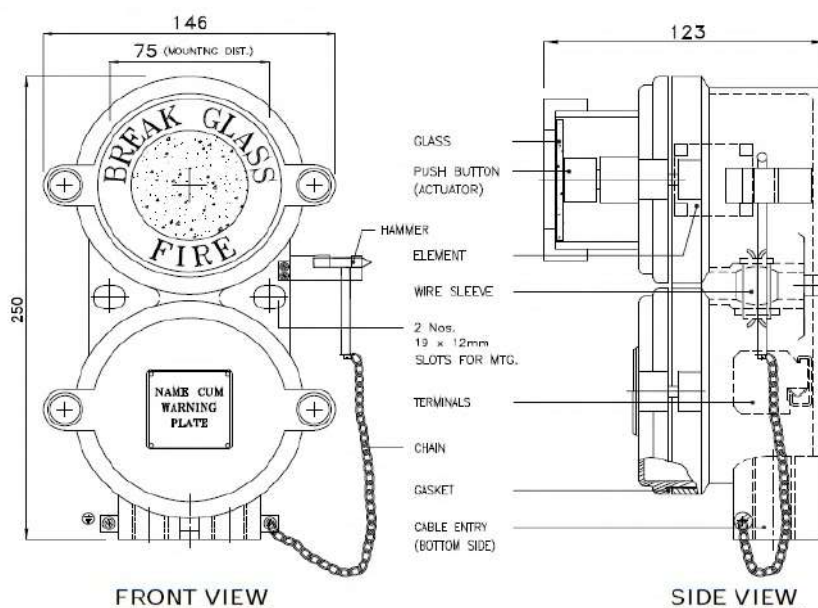
**NOTE : INCASE OF FIRE BREAK THE GLASS.**

**DATA SHEET FOR FLP FIRE ALARM WITH TERMINAL CHAMBER****TECHNICAL DATA:**

PRODUCT	: CAT NO: FA / 2C / 2021
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ACTUATOR	: RED COLOUR SPRING RETURN ACTUATOR
ELEMENT	: 1 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
GLASS	: 1 NO 2 MM THICK BREAKABLE GLASS
HAMMER	: STAINLESS STEEL HAMMER (FOR BREAKING GLASS) WITH CHAIN
TERMINAL ENTRIES	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS. 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

**NOTE : INCASE OF FIRE BREAK THE GLASS.**



DATA SHEET FOR FLP HOOTER (DRIECT ENTRY)

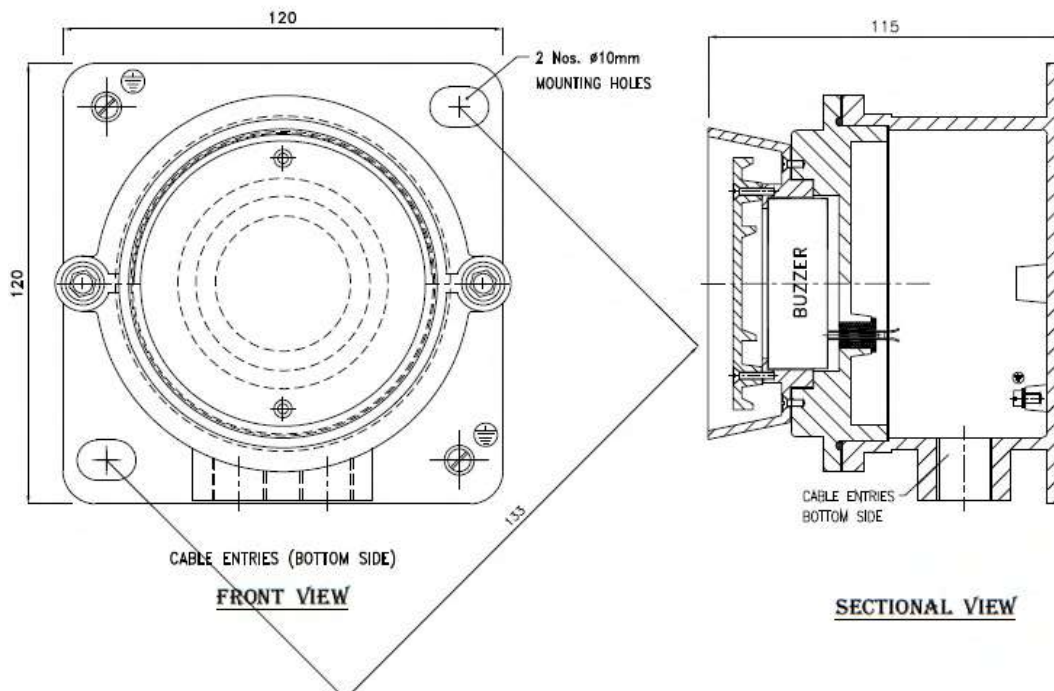
TECHNICAL DATA:

- PRODUCT : CAT NO: HTR / 2C / 2025
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- BUZZER : ELECTRONIC BUZZER
- SOUND LEVEL : APPROX 100 – 120 dB AUDIBLE IN 1 METER
- VOLTAGE : 230 V AC
- ENTRIES : 2 No's M20 / ½ " NPT / EQUIVALENT



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI
5.	VOLTAGE	110 V AC / DC , 24V AC / DC
6.	TONE	SINGLE TONE DUAL TONE

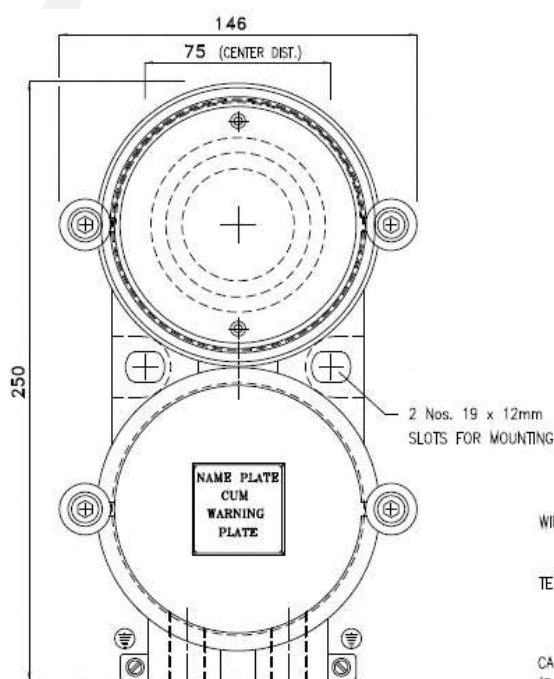


**DATA SHEET FOR FLP HOOTER WITH TERMINAL CHAMBER****TECHNICAL DATA:**

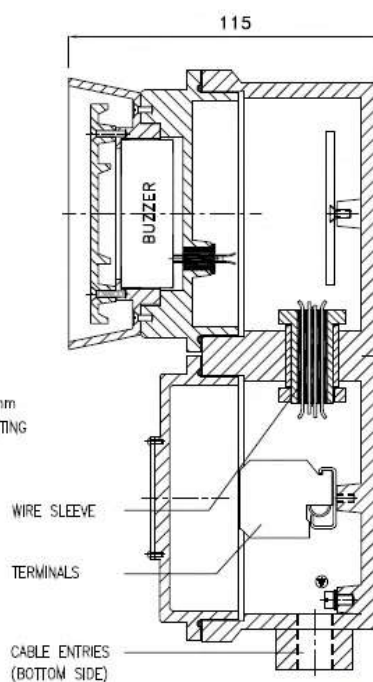
PRODUCT	: CAT NO : HTR / OA/1010
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
BUZZER	: ELECTRONIC BUZZER
SOUND LEVEL	: APPROX 100 – 120 Db AUDIBLE IN 1 METER
VOTAGE	: 230 V AC
TERMINAL	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINA
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI
5.	VOLTAGE	110 V AC / DC , 24V AC / DC
6.	TONE	SINGLE TONE DUAL TONE



FRONT VIEW



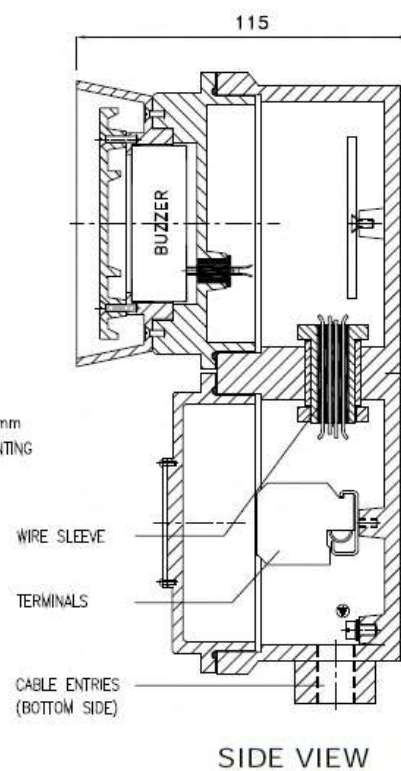
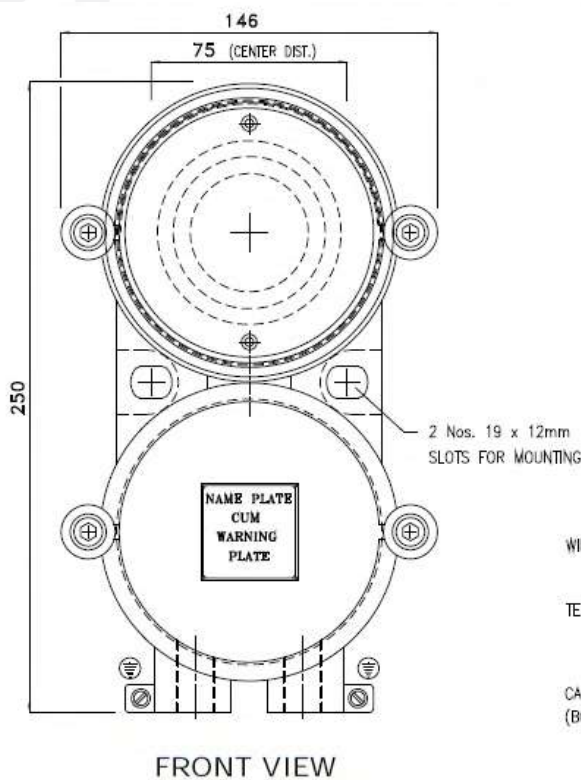
SIDE VIEW

**DATA SHEET FOR FLP HOOTER WITH TERMINAL CHAMBER****TECHNICAL DATA:**

PRODUCT	: CAT NO: HTR / 2C / 2021
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
BUZZER	: ELECTRONIC BUZZER
SOUND LEVEL	: APPROX 100 – 120 Db AUDIBLE IN 1 METER
VOTAGE	: 230 V AC
TERMINAL	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS.
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI
5.	VOLTAGE	110 V AC / DC , 24V AC / DC
6.	TONE	SINGLE TONE DUAL TONE

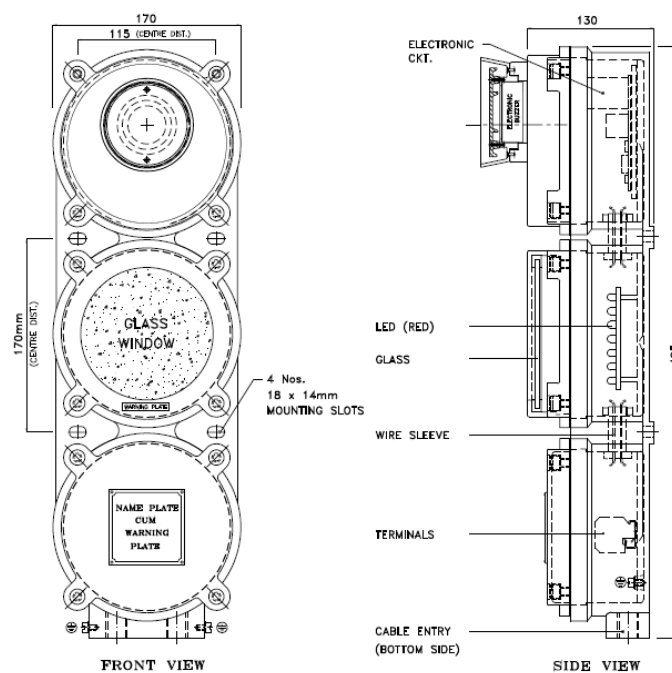


**DATA SHEET FOR FLP HOOTER WITH BEACON****TECHNICAL DATA:**

PRODUCT	: CAT NO : DOLS / 187
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TOUGHENED GLASS TYPE A
LIGHT TYPE	: RED COLOUR LED , STEADY TYPE
BUZZER	: ELECTRONIC BUZZER
SOUND LEVEL	: APPROX 100 – 120 dB AUDIBLE IN 1 METER
VOTAGE	: 230 V AC
TERMINAL	: 8 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS.
ENTRIES	: 3 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI
5.	VOLTAGE	110V AC / DC , 24 V AC / DC
6.	TONE	SINGLE / DOUBLE





DATA SHEET FOR FLP JUNCTION BOX

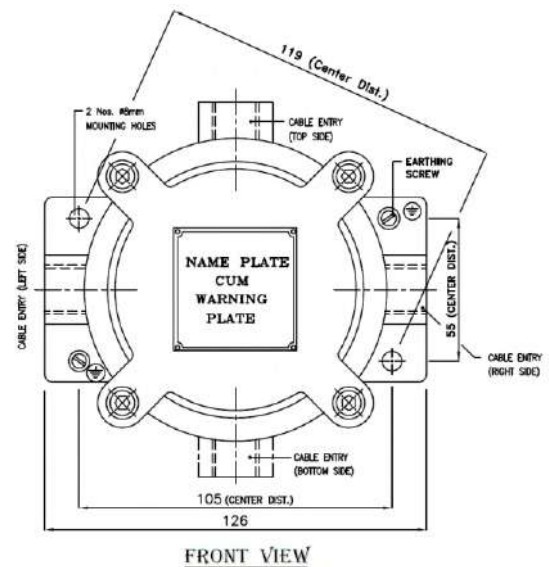
TECHNICAL DATA:

- PRODUCT : CAT.NO.- JB/104
- ENCLOSURE : FLAME PROOF (EX-d), Gas Group IIA & IIB
As per IS/IEC 60079-1:2007
- AREA CLASSIFICATION : Ex db IIA, IIB
- CERTIFICATION : CIMFR, BIS, PESO
- SIZE : 80MM DIA X 40MM DEPTH
- TEMPERATURE CLASS : T5
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE
AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : UPTO 4 NOS M20/½" NPT OR EQUIVALENT
- VOLTAGE : 415 V AC



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	ENTRY	AS PER CUSTOMER REQUIREMENT
6.	TERMINAL	4 WAY 15A STRIP TYPE TERMINAL

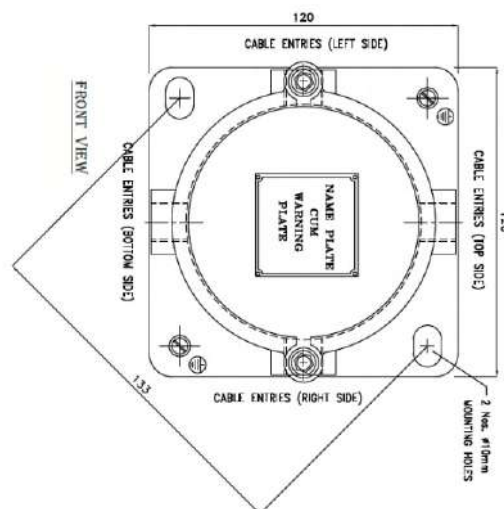


**DATA SHEET FOR FLP JUNCTION BOX****TECHNICAL DATA:**

PRODUCT	: CAT. NO.- JB/105
ENCLOSURE	: FLAME PROOF (EX-d), Gas Group IIA & IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C DB/DC (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
SIZE	: 100MM DIA X 60MM DEPTH
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 4 NOS M20 OR ½" NPT/EQUIVALENT/UP TO M25
VOLTAGE	: 415 V AC

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPIY	G.J / FRP
5.	ENTRY	AS PER CUSTOMER REQUIREMENT
		4 NOS 15A STRIP TYPE TERMINAL OR 4NOS OF 2.5 SQMM CLIP ON TYPE TERMINAL





DATA SHEET FOR FLP JUNCTION BOX

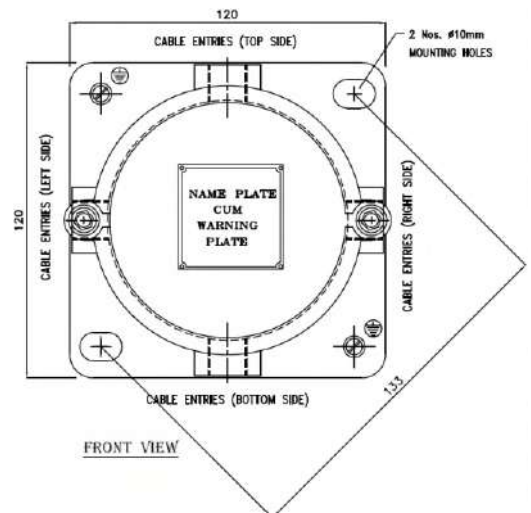
TECHNICAL DATA:

PRODUCT	:	CAT. NO.- JB/2C/2025
ENCLOSURE	:	FLAME PROOF (EX-d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CMIFR, BIS, PESO
SIZE	:	100MM DIA X 60MM DEPTH
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
ENTRIES	:	4 NOS M20/ ½" NPT / EQUIVALENT OR UP TO M25
VOLTAGE	:	415 V AC



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	ENTRY	AS PER CUSTOMER REQUIREMENT
6.	TERMINAL	4 NOS 15A STRIP TYPE TERMINAL OR 4NOS OF 2.5 SQMM CLIP ON TYPE TERMINAL





DATA SHEET FOR FLP JUNCTION BOX

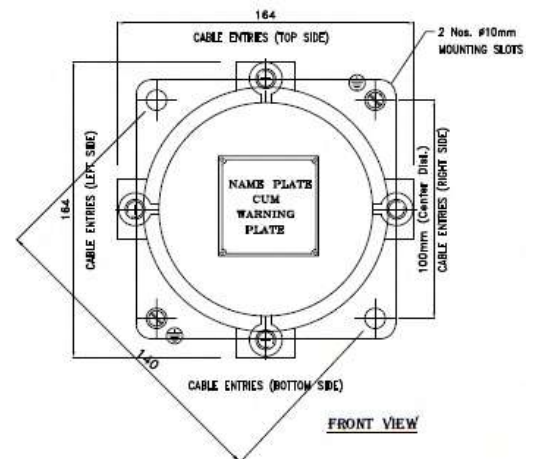
TECHNICAL DATA:

PRODUCT	: CAT. NO.- JB/2C/147
ENCLOSURE	: FLAME PROOF (EX-d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
SIZE	: 125MM DIA X 70MM DEPTH
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 4 Nos.UPTO M25/ ¾" NPT / EQUIVALENT
VOLTAGE	: 415 V AC



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	ENTRY	AS PER CUSTOMER REQUIREMENT
6.	TERMINAL	UPTO 12NOS OF 2.5 SQMM CLIP TYPE OR AS PER CUSTOMER REQUIREMENT





DATA SHEET FOR FLP JUNCTION BOX

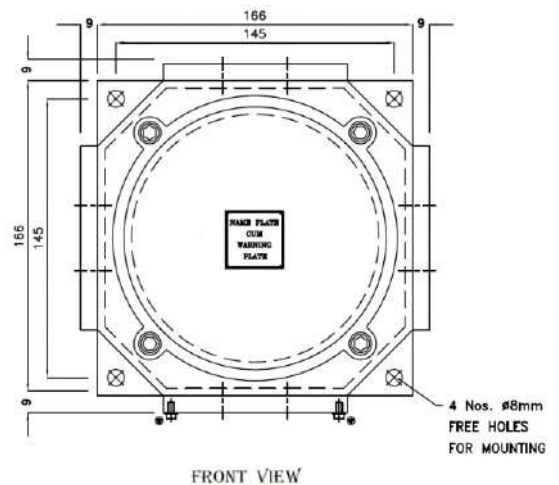
TECHNICAL DATA:

PRODUCT	:	CAT.NO.- JB/2C/217
ENCLOSURE	:	FLAME PROOF (EX-d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
SIZE	:	160mm X 160mm X 90mm DEPTH
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
ENTRIES	:	AS PER CUSTOMER REQUIREMENT
VOLTAGE	:	415 V AC



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	ENTRY	AS PER CUSTOMER REQUIREMENT
6.	TERMINAL	CLIP ON TYPE TERMINAL UPTO 16 NOS OF 2.5 SQ.MM OR CUSTOMER REQUIREMENT





DATA SHEET FOR FLP JUNCTION BOX

TECHNICAL DATA:

PRODUCT	:	CAT. NO.- RCP/215
ENCLOSURE	:	FLAME PROOF (EX-d), Gas Group IIA & IIB As per IS/IEC 60079-1: 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIA,IIB T6 Gb(EX tb/tc IIIC T85 C Db/Dc (ZONE 1&2& Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
ENTRIES	:	AS PER CUSTOMER REQRUMENT
TERMINAL	:	COMBINATION AS PER CUSTOMER REQUIREMENT
VOLTAGE	:	415 V AC

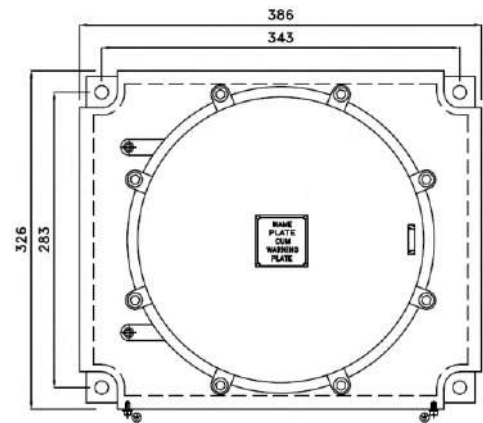


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	INTERNAL COMPONENTS	CU./AL. BUSBAR

SELECTION CHART

SR NO	INTERNAL SIZE	TERMINAL (2.5 sq mm) (MAX)	MODEL TYPE
1.	300mm X 360mm X 110mm To 250 mm	60 Nos	B1
2.	300mm X 325mm X 110mm To 250 mm	48 Nos	B2
3.	300mm X 250mm X 110mm To 250 mm	40 Nos	B3
4.	250mm X 200mm X 110mm To 250 mm	24 Nos	B4



FRONT VIEW



DATA SHEET FOR FLP JUNCTION BOX

TECHNICAL DATA:

- PRODUCT : CAT. NO.- MCDB/186
- ENCLOSURE : F FLAME PROOF(EX-d), Gas Group IIA & IIB
As per IS/IEC 60079-1: 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIA T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : AS PER CUSTOMER REQUIREMENT
- TERMINAL : COMBINATION AS PER CUSTOMER REQUIREMENT
- VOLTAGE : 415 V AC

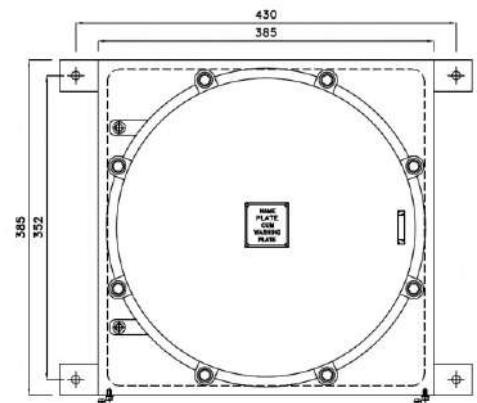


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	INTERNAL COMPONENTS	CU./AL. BUSBAR

SELECTION CHART

SR NO	INTERNAL SIZE	NO	TERMINAL 2.5 Sq_MM (MAX)	MODEL
1.	355mm X 355mm X 110mm To 255 mm		60 Nos	B1
2.	255mm X 255mm X 110mm To 255 mm		40 Nos	B2
3.	225mm X 225mm X 110mm To 255 mm		30 Nos	B3
4.	155mm X 155mm X 110mm To 255 mm		16 Nos	B4
5.	430mm X 430mm X 140mm To 290 mm		100 Nos	B5



FRONT VIEW



DATA SHEET FOR FLP JUNCTION BOX

TECHNICAL DATA:

- PRODUCT : CAT. NO.- RCP/221
- ENCLOSURE : FLAME PROOF (EX-d), Gas Group IIA & IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : AS PER CUSTOMER REQRMENT
- TERMINAL : COMBINATION AS PER CUSTOMER REQRMENT
- VOLTAGE : 415 V AC

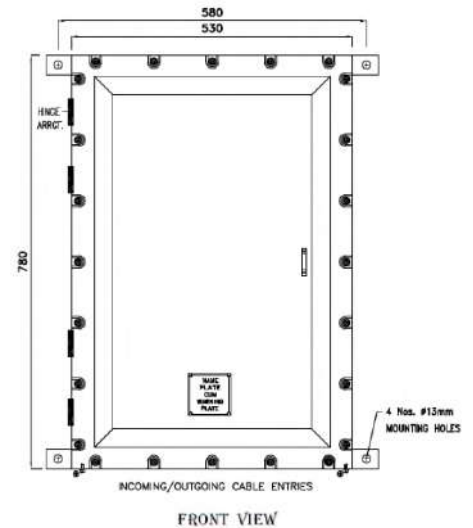


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631/ 632/ 355/ 7031/ 7032 etc.
4.	CANOPY	G.I / FRP
5.	INTERNAL COMPONENTS	CU./AL. BUSBAR

SELECTION CHART

SR NO	INTERNAL SIZE	TERMINAL (2.5 sq mm) (MAX)	MODEL NO
1.	750mm X 500mm X 250mm	250 Nos	B1
2.	575mm X 450mm X 250mm	200 Nos	B2
3.	452mm X 452mm X 250mm	120 Nos	B3
4.	475mm X 335mm X 190mm To 245mm	100 Nos	B4
5.	390mm X 400mm X 170mm	100 Nos	B5
6.	680mm X 620mm X 350mm	250 Nos	B6
7.	575mm X 525mm X 165mm To 275mm	200 Nos	B7

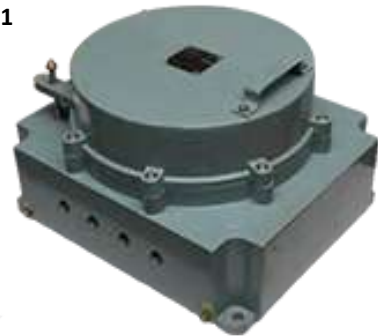




DATA SHEET FOR FLP JUNCTION BOX

TECHNICAL DATA:

PRODUCT	: CAT. NO. – RCP/2C/2022
ENCLOSURE	: FLAME PROOF (EX-d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS :5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: AS PER CUSTOMER REQRMENT
TERMINAL	: COMBINATION AS PER CUTOMER REQUIRMENT
VOLTAGE	: 415 V AC

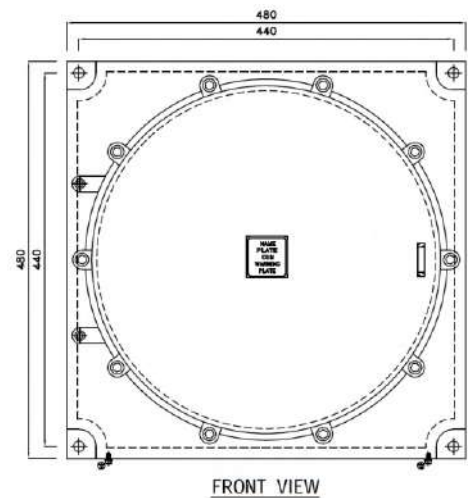


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I /FRP
5.	INTERNAL COMPONENTS	CU/AL. BUSBAR/SWITCHGEARS COMPONENTS etc..

SELECTION CHART

SR NO	INTERNAL SIZE	L NO TERMINAL (2.5 sq mm) (MAX)	MODE
1.	430mm X 430mm X 140mm To 290mm	100 Nos	B1
2.	355mm X 355mm X 110mm To 250mm	60 Nos	B3
3.	360mm X 300mm X 110mm To 250mm	60 Nos	B4
4.	325mm X 300mm X 110mm To 250mm	60 Nos	B5
5.	300mm X 250mm X 110mm To 250mm	40 Nos	B6
6.	250mm X 200mm x 110mm To 210mm	45 Nos	B7
7.	525mm X 525mm X 190mm	200 Nos	B8





DATA SHEET FOR FLP JUNCTION BOX

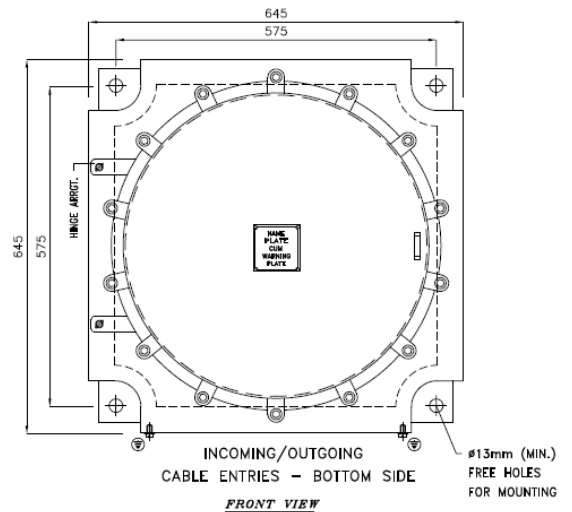
TECHNICAL DATA:

- PRODUCT : CAT. NO.- RCP/222
- ENCLOSURE : FLAME PROOF(EX-d),Gas Group IIA,IIB,IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : EEx db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- SIZE : 615MM x 615MM x 240MM (INTERNAL)
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : AS PER CUSTOMER REQRUMENT
- TERMINAL : COMBINATION AS PER COUSTOMER REQUIREMENT
- VOLTAGE : 415 V AC



OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	G.I / FRP
5.	INTERNAL COMPONENTS	CU./AL. BUSBAR/SWITCHEGARS COMPONENTS, etc..



**DATA SHEET FOR FLP DIRECT ON LINE STARTER (DOLS) WITH SWITCH (UP TO 15HP)****TECHNICAL DATA:**

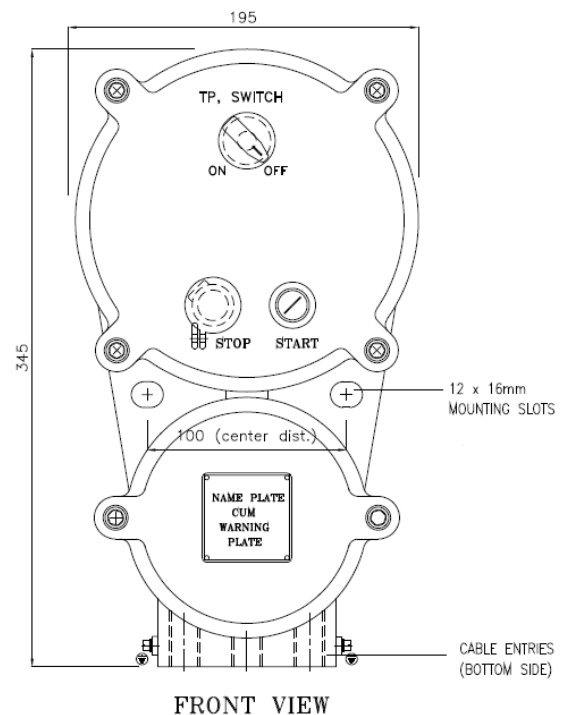
PRODUCT	: CAT NO : DOLS / OA / 174
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA, IIB, As per IS/IEC 60079-1 : 2007
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
AREA & TEMP. CLASS	: Ex d IIB T6 IP 66 (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
SWITCH	: RATING AS PER TABLE
ACTUATOR	: 1 NO GREEN COLOUR SPRING RETURN TYPE & 1 NO RED COLOUR MUSHROOM HEAD (PRESS & TURN TO STOP & REVERSE TURN TO RELEASE TYPE) ACTUATOR.
ELEMENT	: 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT/ UPTO M25

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

MOTOR RATING	CONTACTOR	O/L RELAY	TERMINALS	SWITCH
0.5 HP MOTOR	1 NO 9 AMPS	1 NO 0.8 - 1.17 A	6 NOS 2.5 Sq.mm	16 AMPS TP
1 HP MOTOR	1 NO 9 AMPS	1 NO 1.6 - 2.3 A	6 NOS 2.5 Sq.mm	16 AMPS TP
2 HP MOTOR	1 NO 9 AMPS	1 NO 2.5 - 3.7 A	6 NOS 2.5 Sq.mm	16 AMPS TP
5 HP MOTOR	1 NO 9 AMPS	1 NO 6.3 - 9.4 A	6 NOS 2.5 Sq.mm	16 AMPS TP
7.5 HP MOTOR	1 NO 12 AMPS	1 NO 8 - 11.7 A	6 NOS 2.5 Sq.mm	20 AMPS TP
10 HP MOTOR	1 NO 16 AMPS	1 NO 12.5 - 18.7 A	6 NOS 4 Sq.mm	25 AMPS TP
15 HP MOTOR	1 NO 25 AMPS	1 NO 14 - 23 A	6 NOS 4 Sq.mm	32 AMPS TP





DATA SHEET FOR FLP DIRECT ON LINE STARTER (DOLS) WITH SWITCH (UP TO 15HP)

TECHNICAL DATA:

PRODUCT	: CAT NO : RCP/ 2015
ENCLOSURE	: FLAME PROOF (Ex –d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 NO INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
SWITCH	: RATING AS PER TABLE
ACTUATOR	: 1 NO GREEN COLOUR SPRING RETURN TYPE & 1 NO RED COLOUR MUSHROOM HEAD (PRESS & TURN TO STOP & REVERSE TURN TO RELEASE TYPE) ACTUATOR.
ELEMENT	: 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT UPTO M25

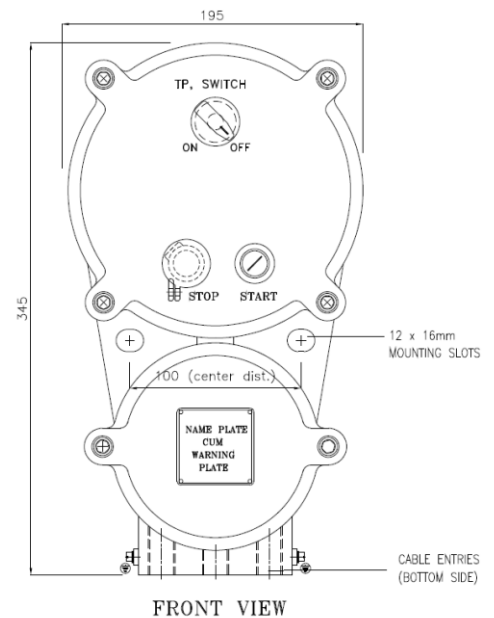


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

MOTOR RATING	CONTACTOR	O/L RELAY	TERMINALS	SWITCH
0.5 HP MOTOR	1 NO 9 AMPS	1 NO 0.8 - 1.17 A	6 NOS 2.5 Sq.mm	16 AMPS TP
1 HP MOTOR	1 NO 9 AMPS	1 NO 1.6 - 2.3 A	6 NOS 2.5 Sq.mm	16 AMPS TP
2 HP MOTOR	1 NO 9 AMPS	1 NO 2.5 - 3.7 A	6 NOS 2.5 Sq.mm	16 AMPS TP
5 HP MOTOR	1 NO 9 AMPS	1 NO 6.3 - 9.4 A	6 NOS 2.5 Sq.mm	16 AMPS TP
7.5 HP MOTOR	1 NO 12 AMPS	1 NO 8 - 11.7 A	6 NOS 2.5 Sq.mm	20 AMPS TP
10 HP MOTOR	1 NO 16 AMPS	1 NO 12.5 - 18.7 A	6 NOS 4 Sq.mm	25 AMPS TP
15 HP MOTOR	1 NO 25 AMPS	1 NO 14 - 23 A	6 NOS 4 Sq.mm	32 AMPS TP





DATA SHEET FOR FLP DIRECT ON LINE STARTER (DOLS) WITH SWITCH (20 HP)

TECHNICAL DATA:

- PRODUCT : CAT NO : CGB / 131
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA, IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 NO INTERNAL & 2 No’s EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SWITCH : RATING AS PER TABLE
- ACTUATOR : 1 NO GREEN COLOUR SPRING RETURN
TYPE & 1 NO RED COLOUR MUSHROOM HEAD
(PRESS & TURN TO STOP & REVERSE TURN TO
RELEASE TYPE) ACTUATOR.
- ELEMENT : 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
- ENTRIES : 2 Nos M32 / 1 1/4 “ NPT / EQUIVALENT

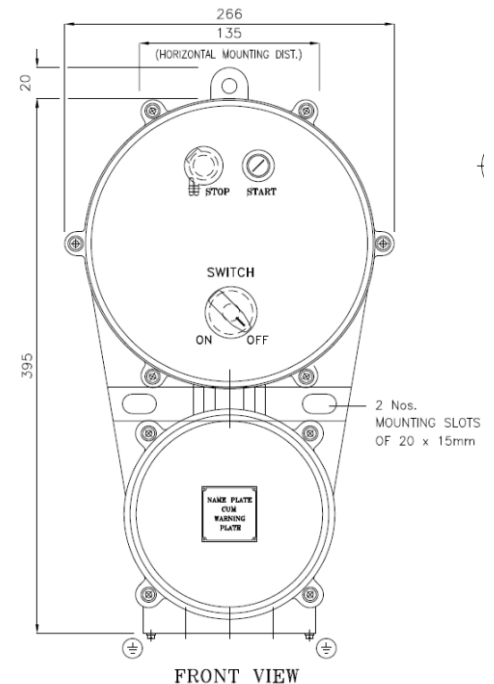


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

MATERIAL	20 HP MOTOR
CONTACTOR	1 NO 32 AMPS
O/L RELAY	1 NO 25 - 32 A
TERMINALS	6 NOS 6 Sq.mm
SWITCH	40 AMPS TP





DATA SHEET FOR FLP DIRECT ON LINE STARTER (DOLS) WITHOUT SWITCH (UP TO 20HP)

TECHNICAL DATA:

PRODUCT	: CAT NO : DOLS / OA / 174
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, As per IS/IEC 60079-1 : 2007
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
AREA & TEMP . CLASS	: Ex d IIB T6 IP 66 (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
SWITCH	: RATING AS PER TABLE
ACTUATOR	: 1 NO GREEN COLOUR SPRING RETURN TYPE & 1 NO RED COLOUR MUSHROOM HEAD (PRESS & TURN TO STOP & REVERSE TURN TO RELEASE TYPE) ACTUATOR.
ELEMENT	: 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT/ UPTO M25

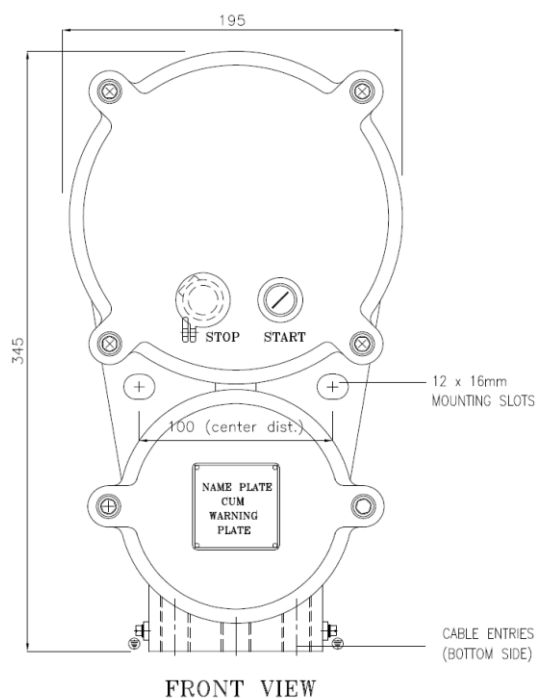


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

MOTOR RATING	CONTACTOR	O/L RELAY	TERMINALS
0.5 HP MOTOR	1 NO 9 AMPS	1 NO 0.8 - 1.17 A	6 NOS 2.5 Sq.mm
1 HP MOTOR	1 NO 9 AMPS	1 NO 1.6 - 2.3 A	6 NOS 2.5 Sq.mm
2 HP MOTOR	1 NO 9 AMPS	1 NO 2.5 - 3.7 A	6 NOS 2.5 Sq.mm
5 HP MOTOR	1 NO 9 AMPS	1 NO 6.3 - 9.4 A	6 NOS 2.5 Sq.mm
7.5 HP MOTOR	1 NO 12 AMPS	1 NO 8 - 11.7 A	6 NOS 2.5 Sq.mm
10 HP MOTOR	1 NO 16 AMPS	1 NO 12.5 - 18.7 A	6 NOS 4 Sq.mm
15 HP MOTOR	1 NO 25 AMPS	1 NO 14 - 23 A	6 NOS 4 Sq.mm
20 HP MOTOR	1 NO 32 AMPS	1 NO 25 - 32 A	6 NOS 6 Sq.mm





DATA SHEET FOR FLP DIRECT ON LINE STARTER (DOLS) WITHOUT SWITCH (UP TO 20HP)

TECHNICAL DATA:

PRODUCT	: CAT NO : RCP/ 2015
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ACTUATOR	: 1 NO GREEN COLOUR SPRING RETURN TYPE & 1 NO RED COLOUR MUSHROOM HEAD (PRESS & TURN TO STOP & REVERSE TURN TO RELEASE TYPE) ACTUATOR.
ELEMENT	: 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT / UPTO M25

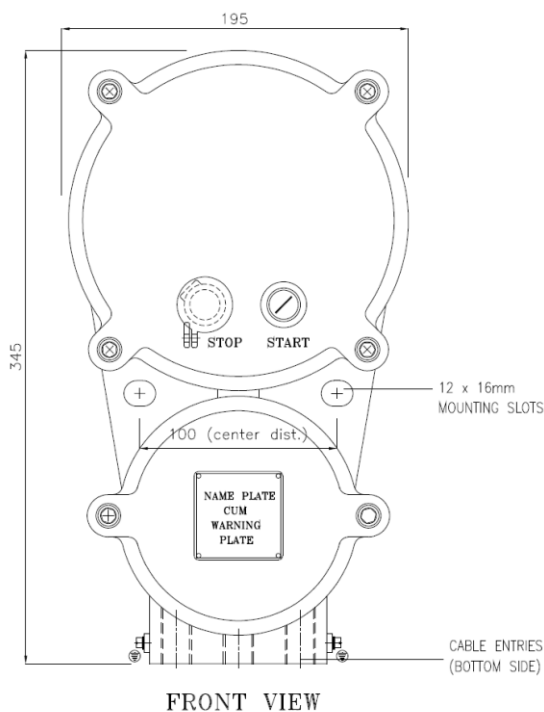


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

MOTOR RATING	CONTACTOR	O/L RELAY	TERMINALS
0.5 HP MOTOR	1 NO 9 AMPS	1 NO 0.8 - 1.17 A6	NOS 2.5 Sq.mm
1 HP MOTOR	1 NO 9 AMPS	1 NO 1.6 - 2.3 A6	NOS 2.5 Sq.mm
2 HP MOTOR	1 NO 9 AMPS	1 NO 2.5 - 3.7 A6	NOS 2.5 Sq.mm
5 HP MOTOR	1 NO 9 AMPS	1 NO 6.3 - 9.4 A6	NOS 2.5 Sq.mm
7.5 HP MOTOR	1 NO 12 AMPS	1 NO 8 - 11.7 A6	NOS 2.5 Sq.mm
10 HP MOTOR	1 NO 16 AMPS	1 NO 12.5 - 18.7 A6	NOS 4 Sq.mm
15 HP MOTOR	1 NO 25 AMPS	1 NO 14 - 23 A6	NOS 4 Sq.mm
20 HP MOTOR	1 NO 32 AMPS	1 NO 25 - 32 A6	NOS 6 Sq.mm





DATA SHEET FOR FLP STAR DELTA STARTER WITH SWITCH

TECHNICAL DATA:

- PRODUCT : CAT NO : CGB /2C/ 131
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA, IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SWITCH : RATING AS PER TABLE
- ACTUATOR : 1 NO GREEN COLOUR SPRING RETURN
TYPE & 1 NO RED COLOUR MUSHROOM HEAD,
PRESS & TURN TO STOP & REVERSE TURN
TO RELEASE TYPE ACTUATOR.
- ELEMENT : 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
- ENTRIES : 2 Nos M32 / 1 1/4 " NPT / EQUIVALENT

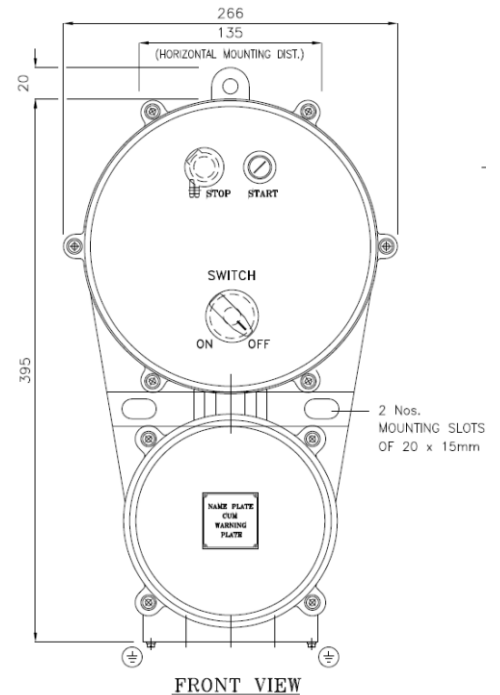


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	MOTOR RATING	SWITCH	CONTACTOR			O/L RELAY	ENTRIES
			MAIN	DELTA	STAR		
1	10 HP MOTOR	20 AMPS TP	12 AMPS	12 AMPS	9 AMPS	6.3 - 10 A	4 NOS M20





DATA SHEET FOR FLP STAR DELTA STARTER WITH SWITCH

TECHNICAL DATA:

- PRODUCT : CAT NO : MCDB/ 186 / RCP / 221
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA, IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA, IIB T6 Gb(EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SWITCH : RATING AS PER TABLE
- ACTUATOR : 1 NO GREEN COLOUR SPRING RETURN
TYPE & 1 NO RED COLOUR MUSHROOM HEAD,
PRESS & TURN TO STOP & REVERSE TURN TO
RELEASE TYPE ACTUATOR.
- ELEMENT : 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
- ENTRIES : AS PER CUSTOMER REQUIREMENT.
- TIMER : O- 15 SECOND.

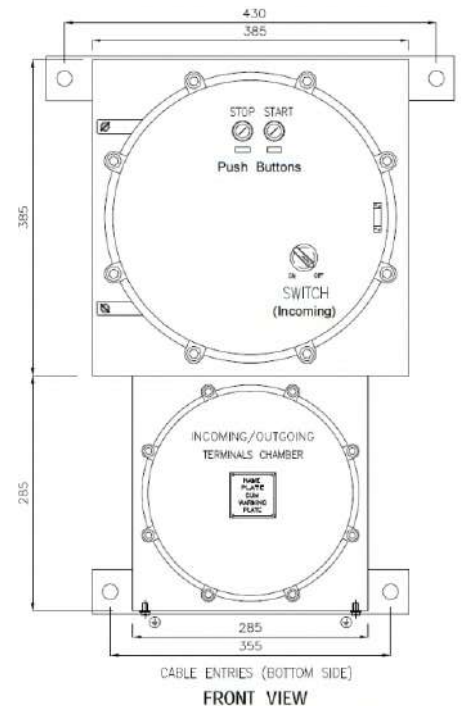


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	MOTOR RATING	SWITCH	CONTACTOR			O/L RELAY
			MAIN	DELTA	STAR	
1	12.5 HP MOTOR	32 AMPS TP	12 AMPS	12 AMPS	9 AMPS	8 - 12.5 A
2	15 HP MOTOR	32 AMPS TP	12 AMPS	12 AMPS	9 AMPS	8 - 12.5 A
3	20 HP MOTOR	32 AMPS TP	22 AMPS	22 AMPS	16 AMPS	12.5 - 20 A
4	25 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	16 - 25 A
5	30 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	16 - 25 A
6	40 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	20 - 32 A
7	50 HP MOTOR	100 AMPS TP	40 AMPS	40 AMPS	32 AMPS	32 - 40 A
8	60 HP MOTOR	100 AMPS TP	45 AMPS	45 AMPS	32 AMPS	32 - 50 A
9	75 HP MOTOR	100 AMPS TP	63 AMPS	63 AMPS	32 AMPS	40 - 57 A
10	100 HP MOTOR	160 AMPS TP	85 AMPS	85 AMPS	63 AMPS	75 - 95 A
11	125 HP MOTOR	160 AMPS TP	100 AMPS	100 AMPS	63 AMPS	70 - 100 A
12	150HP MOTOR	200 AMPS TP	110 AMPS	110 AMPS	110 AMPS	95 - 120 A





DATA SHEET FOR FLP STAR DELTA STARTER WITH SWITCH

TECHNICAL DATA:

PRODUCT	: CAT NO : RCP / 2C / 2022
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
SWITCH	: RATING AS PER TABLE
ACTUATOR	: 1 NO GREEN COLOUR SPRING RETURN TYPE & 1 NO RED COLOUR MUSHROOM HEAD, PRESS & TURN TO STOP & REVERSE TURN TO RELEASE TYPE ACTUATOR.
ELEMENT	: 2 NO 10 A , 415 V AC 1 NO + 1 NC ELEMENT
ENTRIES	: AS PER CUSTOMER REQUIREMENT.
TIMER	: 0- 15 SECOND.

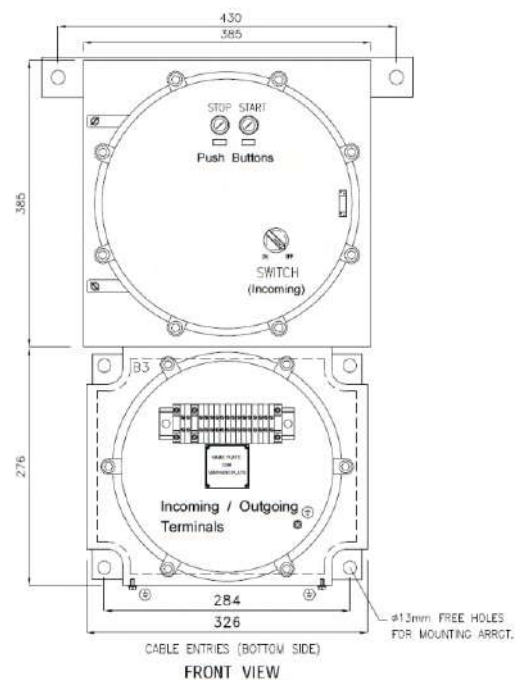


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	MOTOR RATING	SWITCH	CONTACTOR			O/L RELAY
			MAIN	DELTA	STAR	
1	12.5 HP MOTOR	32 AMPS TP	12 AMPS	12 AMPS	9 AMPS	8 - 12.5 A
2	15 HP MOTOR	32 AMPS TP	12 AMPS	12 AMPS	9 AMPS	8 - 12.5 A
3	20 HP MOTOR	32 AMPS TP	22 AMPS	22 AMPS	16 AMPS	12.5 - 20 A
4	25 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	16 - 25 A
5	30 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	16 - 25 A
6	40 HP MOTOR	63 AMPS TP	32 AMPS	32 AMPS	32 AMPS	20 - 32 A
7	50 HP MOTOR	100 AMPS TP	40 AMPS	40 AMPS	32 AMPS	32 - 40 A
8	60 HP MOTOR	100 AMPS TP	45 AMP	45 AMPS	32 AMPS	32 - 50 A
9	75 HP MOTOR	100 AMPS TP	63 AMPS	63 AMPS	32 AMPS	40 - 57 A
10	100 HP MOTOR	160 AMPS TP	85 AMPS	85 AMPS	32 AMPS	40 - 57 A
11	125 HP MOTOR	160 AMPS TP	100 AMPS	100 AMPS	63 AMPS	70 - 100 A
12	150HP MOTOR	200 AMPS TP	110 AMPS	110 AMPS	110 AMPS	95 - 120 A





DATA SHEET FOR FLP EXHAUST FAN

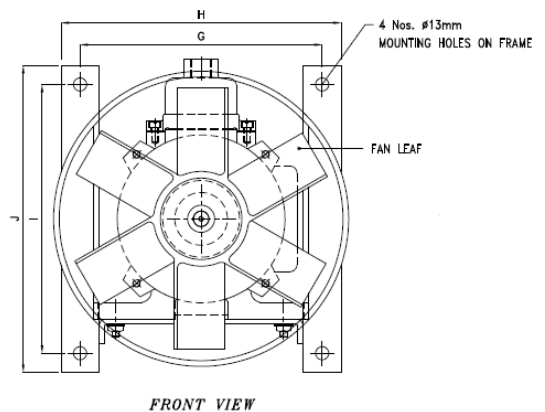
TECHNICAL DATA:

- PRODUCT NAME : CAT NO: EF / 140
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR , BIS , PESO
- TEMPERATURE CLASS : T 6
- BLADE MATERIAL : ALUMINIUM (NON SPARKING)
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- MOTOR : MOC – CAST IRON
- INSULATION : CLASS F INSULATION.
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT



SELECTION CHART

SR.NO	SIZE	MOTOR HP	SPEED RPM	C.F.M	VOLTAGE
1	305(12")	0.25	1440	1120	230 V / 415 V
2	380(15")	0.25	1440	2350	230 V / 415 V
3	457(18")	0.33	1440	4000	230 V / 415 V
4	457(18")	0.5	1440	4000	230 V / 415 V
5	610(24")	0.75	1440	6100	230 V / 415 V
6	610(24")	1	1440	7500	230 V / 415 V
7	610(24")	0.75	920	6100	230 V / 415 V
8	610(24")	1	920	7500	230 V / 415 V
9	760(30")	1.5	920	9000	415 V
10	900(34")	2	920	12000	415 V

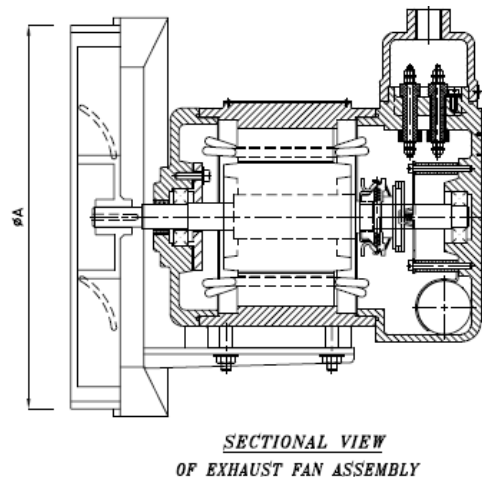


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	VOLTAGE	SINGLE PHASE 230 V AC / THREE PHASE 415 V AC
4.	RPM	920 / 1440
5.	ACCESSORIES	LOUVER, BIRD CATCHER FRONT / BACK WIRE MESH

Flp-wp Exhaust Fan Size Options with Dimensions & Rating :

Sr.	Fan Size	ØA	G	H	I	J	HP	Phase
1	12"	314	250	315	360	422	0.25 HP	Single Phase
2	15"	388	250	315	450	510	0.25 HP	Single Phase
3	18"	480	250	315	550	608	0.33 HP	Three Phase
4	24"	635	275	350	705	760	1 HP	Three Phase
5	30"	787	275	350	860	900	1 HP	Three Phase
6	36"	952	275	350	1020	1060	1 HP	Three Phase

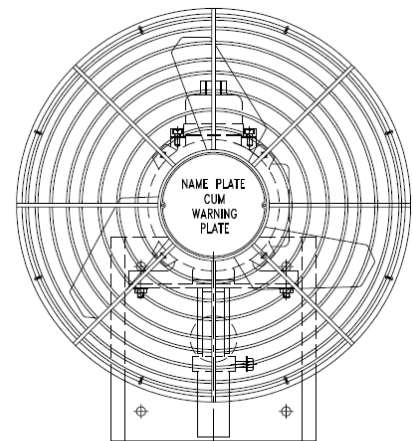




DATA SHEET FOR FLP WALL MOUNTING FAN

TECHNICAL DATA:

PRODUCT NAME	: CAT NO : WMF / 140
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
BLADE MATERIAL	: ALUMINIUM (NON SPARKING)
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
MOTOR	: MOC – CAST IRON
INSULATION	: CLASS F INSULATION.
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 1 No's M20 / ½ " NPT / EQUIVALENT



FRONT VIEW

SELECTION CHART

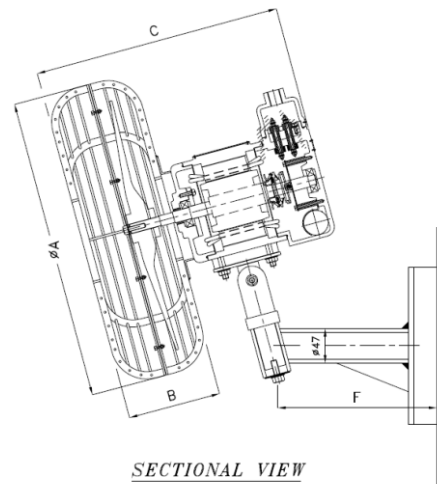
SR.NO	SIZE	MOTOR HP	SPEED RPM	C.F.M	VOLTAGE
1	415(18")	0.25	1440	5400	230 V / 415 V
2	457(18")	0.25	1440	9000	230 V / 415 V
3	610(24")	0.25	1440	13000	230 V / 415 V
4	760(30")	0.25	1440	19000	230 V / 415 V
5	760(30")	0.33	1440	19000	230 V / 415 V
6	900(36")	0.33	1440	25000	230 V / 415 V

OPTIONS

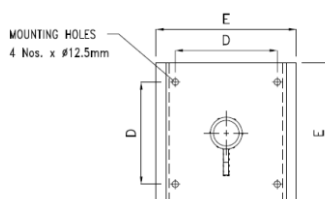
SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	VOLTAGE	SINGLE PHASE 230 V AC / THREE PHASE 415 V AC
4.	RPM	920 / 1440

Flp-wp Wall Mounting Fan Size Options with Dimensions & Rating :

Sr.	Fan Size	ØA	B	C	D	E	F	HP	Phase
1	12"	378	127	432	200	264	405	0.25 HP	Single Phase
2	16"	485	127	432	200	264	405	0.25 HP	Single Phase
3	18"	534	127	432	200	264	405	0.33 HP	Three Phase
4	24"	690	127	457	200	264	405	1 HP	Three Phase
5	30"	850	152	508	200	264	405	1 HP	Three Phase
6	36"	1000	152	508	200	264	405	1 HP	Three Phase



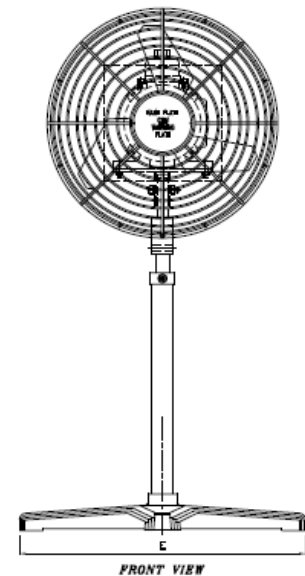
SECTIONAL VIEW



MOUNTING PLATE
(MATERIAL : M.S.)

**DATA SHEET FOR FLP PEDESTAL / AIR CIRCULATOR FAN****TECHNICAL DATA:**

PRODUCT NAME	: CAT NO: PF / 140
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR , BIS , PESO
TEMPERATURE CLASS	: T 6
BLADE MATERIAL	: ALUMINIUM (NON SPARKING)
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
MOTOR	: MOC – CAST IRON
INSULATION	: CLASS F INSULATION.
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 1 No's M20 / ½ " NPT / EQUIVALENT

**SELECTION CHART**

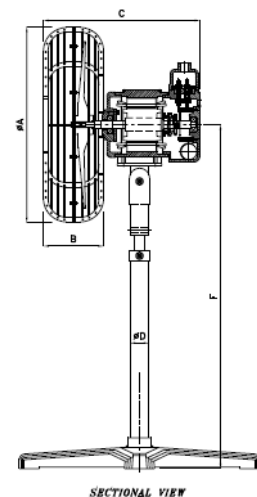
SR.NO	SIZE	MOTOR HP	SPEED RPM	C.F.M	VOLTAGE
1	305(12")	0.25	1440	5400	230 V / 415 V
2	415(16")	0.25	1440	9000	230 V / 415 V
3	457(18")	0.25	1440	13000	230 V / 415 V
4	610(24")	0.25	1440	19000	230 V / 415 V
5	760(30")	0.25	1440	19000	230 V / 415 V
6	900(36")	0.25	1440	25000	230 V / 415 V

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	VOLTAGE	SINGLE PHASE 230 V AC / THREE PHASE 415 V AC
4.	RPM	920 / 1440

Flp-wp Pedestal Fan Size Options with Dimensions & Rating :

Fan Size	ØA	B	C	ØD	E	F	H.P.	Phase
12"	378	127	432	51	584	1124	0.25 HP	Single Phase
16"	485	127	432	51	584	1124	0.25 HP	Single Phase
18"	534	155	350	51	584	1124	0.33 HP	Single Phase
24"	640	115	310	51	690	1124	1 HP	Three Phase
30"	850	152	508	51	762	1124	1 HP	Three Phase
36"	1000	152	508	51	762	1124	1 HP	Three Phase

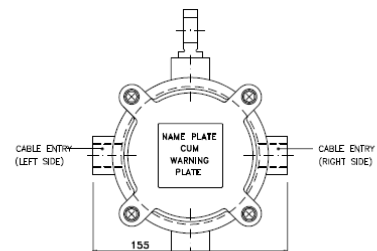




DATA SHEET FOR FLP CEILING FAN

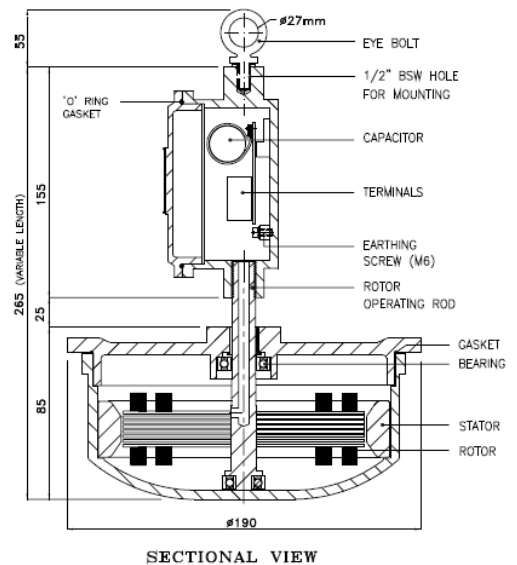
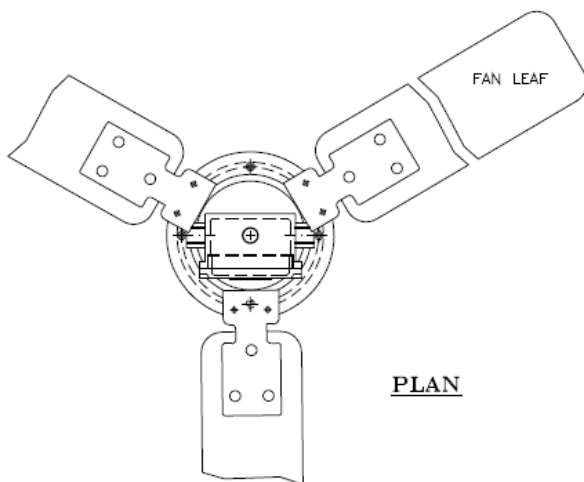
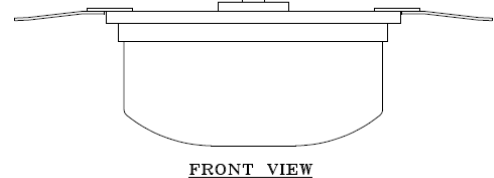
TECHNICAL DATA:

- PRODUCT NAME : CAT NO: CF /2C/193
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR , BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- BLADE MATERIAL : M.S. POWDER COATED.
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- INSULATION : CLASS F INSULATION.
- VOLTAGE : 230V AC SINGLE PHASE
- R.P.M. : 440
- SWEEP : 48 "
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	REGULATOR	500 WATT ELECTRONIC REGULATOR.





DATA SHEET FOR FLP FAN REGULATOR

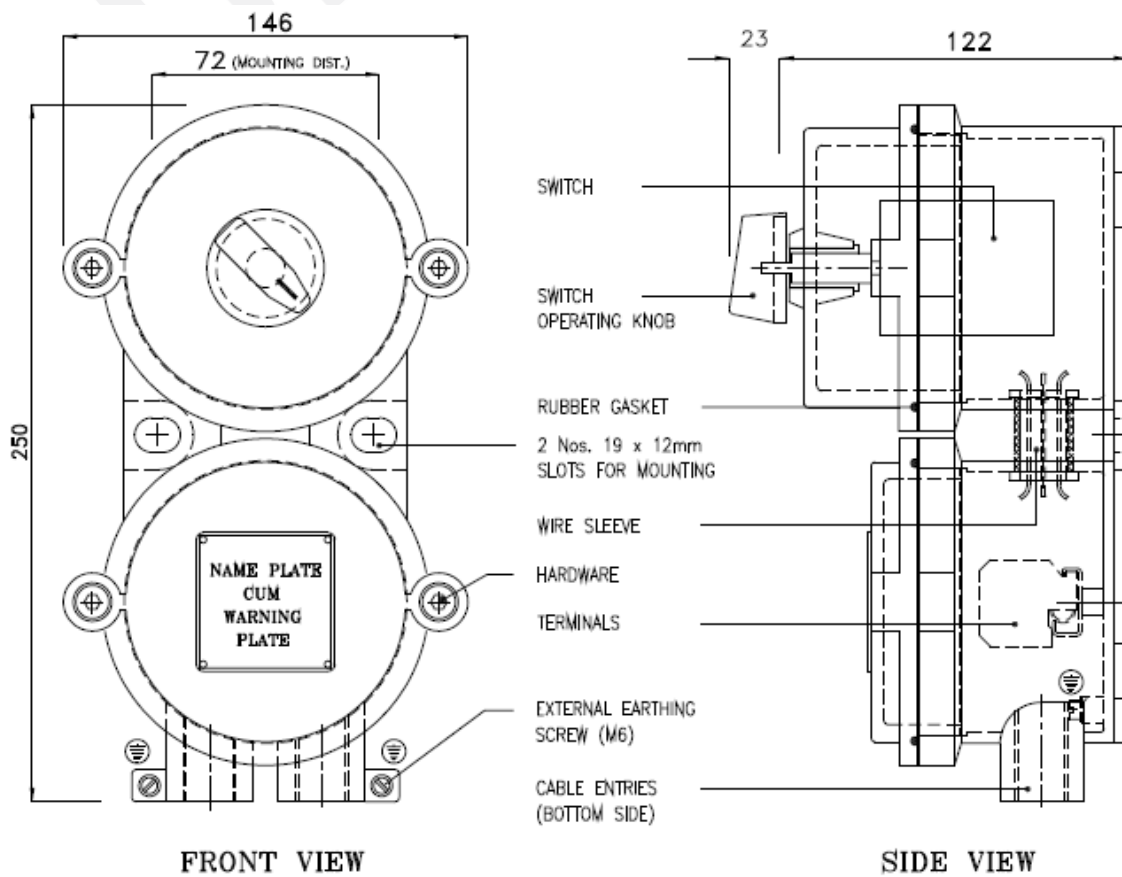
TECHNICAL DATA:

PRODUCT	: CAT NO.-RI / OA/ 1010
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
REGULATOR	: 230 V AC , 500 WATT.
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT / UP TO M25
TERMINALS	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS



OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.





DATA SHEET FOR FLP LIGHTING DISTRIBUTION BOARD (LDB)

TECHNICAL DATA:

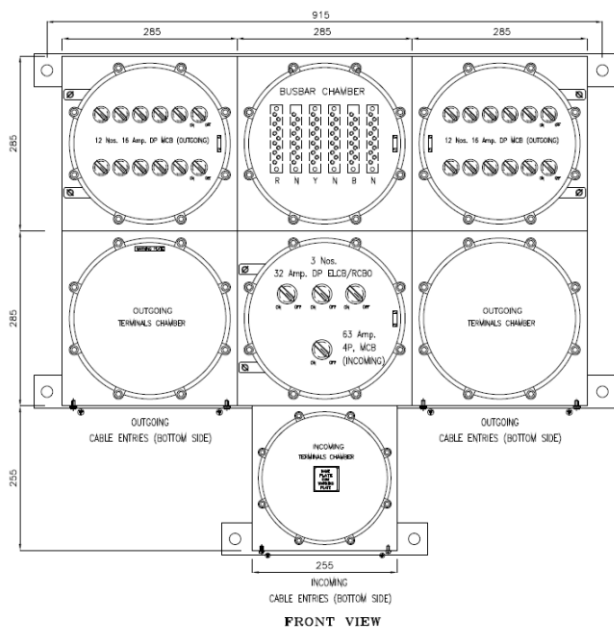
- PRODUCT : CAT NO : MCDB / 186 & RCP / 215
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA, IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA , IIB T6 Gb EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- RATING : MAX UP TO 630 AMPS.

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

DETAILS	INCOMER	OUT GOING	NO OF WAYS
RATING	1 NO 32 A / 63 A 4P MCB	6 NOS 16 A SP / DP MCB	6
	1 NO 32 A / 63 A 4P MCB	12 NOS 16 A SP / DP MCB	12
	1 NO 32 A / 63 A 4P MCB	18 NOS 16 A SP / DP MCB	18
	1 NO 63 A / 100 A 4P MCB	24 NOS 16 A SP / DP MCB	24
ENTRIES	1 NOS M32 / 1 1/4 " NPT OR EQUIVALENT	NO OF OUTGOING - M20 / 1/2 " NPT OR EQUIVALENT	



NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIREMENT.

**DATA SHEET FOR FLP LIGHTING DISTRIBUTION BOARD (LDB)****TECHNICAL DATA:**

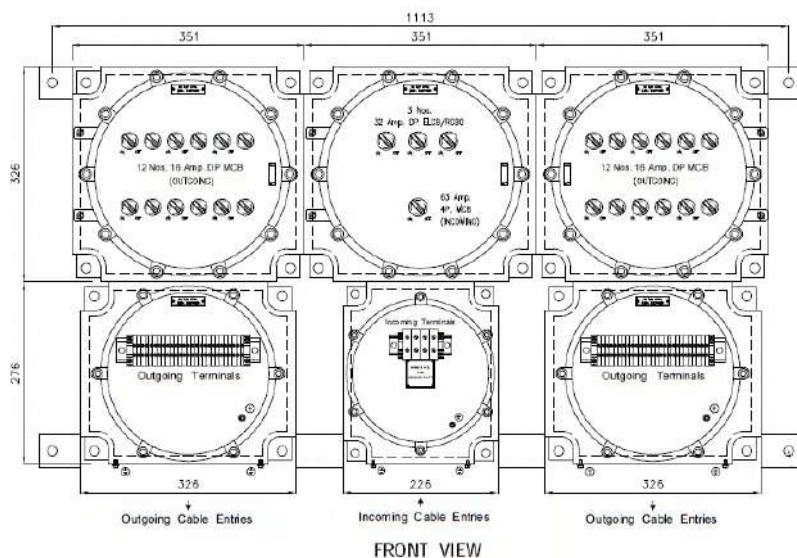
PRODUCT	: CAT NO : RCP/2C/ 2022
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
RATING	: MAX UP TO 630 AMPS.

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

DETAILS	INCOMER	OUT GOING	NO OF WAYS
RATING	1 NO 32 A / 63 A 4P MCB	6 NOS 16 A SP / DP MCB	6
	1 NO 32 A / 63 A 4P MCB	12 NOS 16 A SP / DP MCB	12
	1 NO 32 A / 63 A 4P MCB	18 NOS 16 A SP / DP MCB	18
	1 NO 63 A / 100 A 4P MCB	24 NOS 16 A SP / DP MCB	24
ENTRIES	1 NOS M32 / 1 1/4 " NPT OR EQUIVALENT	NO OF OUTGOING - M20 / 1/2 " NPT OR EQUIVALENT	

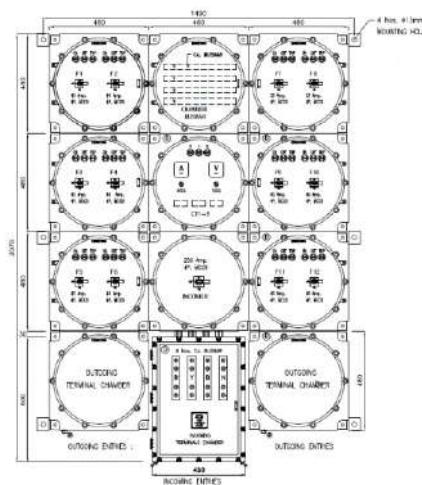
**NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIREMENT.**



DATA SHEET FOR FLP HEAT TRACING PANEL

TECHNICAL DATA:

- PRODUCT : CAT NO : MCDB / 186/ RCP/ 215/ RCP/221
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA, IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIA IIB T6 Gb EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- RATING : MAX UP TO 630 AMPS.



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI



NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIRMENT.



DATA SHEET FOR FLP HEAT TRACING PANEL

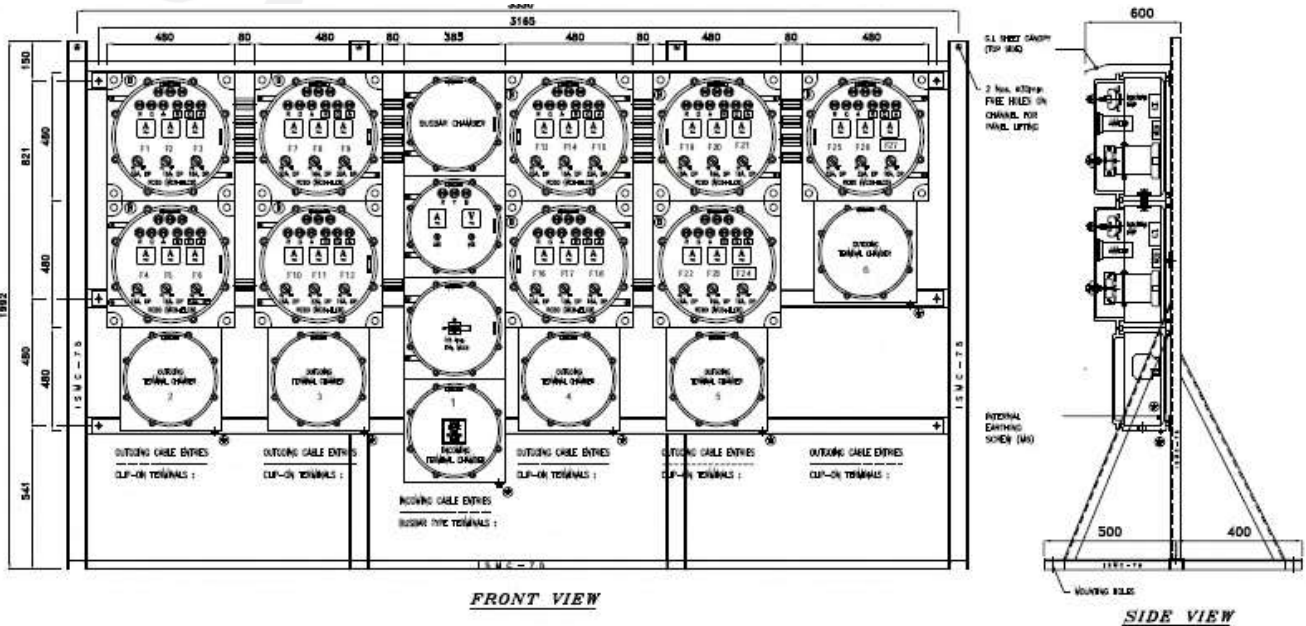
TECHNICAL DATA:

- PRODUCT : CAT NO : RCP/2C/2022
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA, IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T6 Gb EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- RATING : MAX UP TO 630 AMPS.



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI



NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIREMENT.



DATA SHEET FOR FLP COMPRESSOR / BOOSTER PANEL

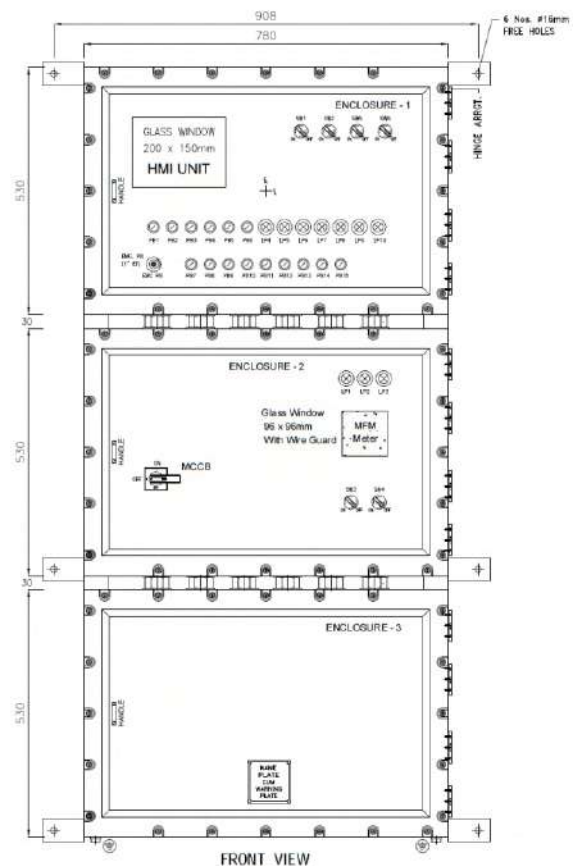
TECHNICAL DATA:

- PRODUCT : CAT NO : RCP / 221
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA, IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA , IIB T6 Gb EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- RATING : MAX UP TO 630 AMPS.



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI



NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIREMENT.



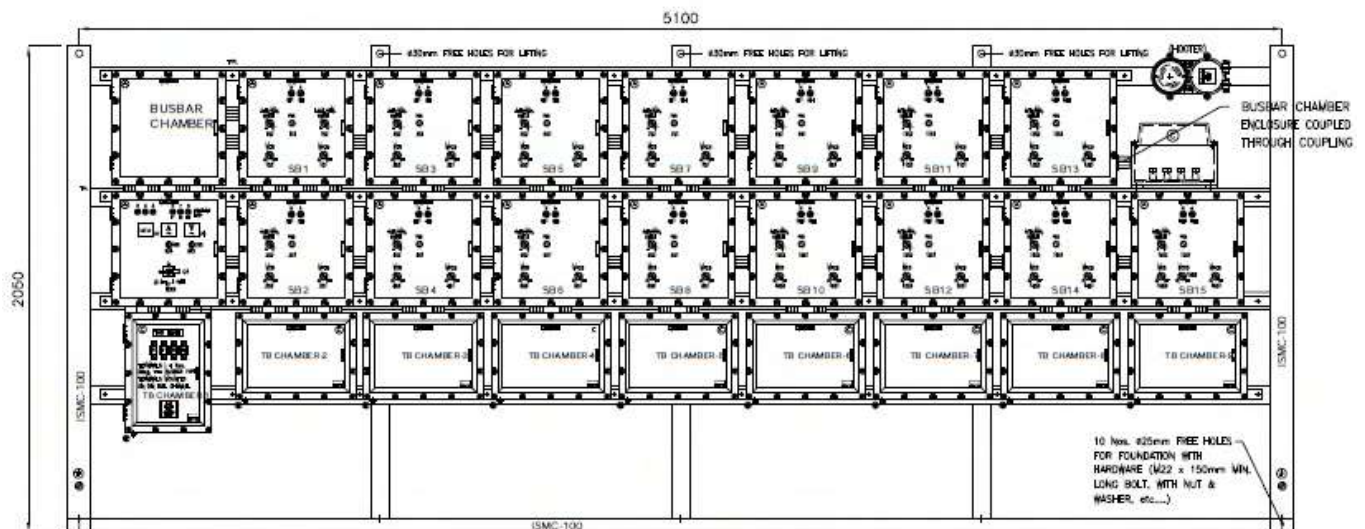
DATA SHEET FLP FOR FLP SOOT BLOWER PANEL

TECHNICAL DATA:

- PRODUCT : CAT NO : MCDB / 186 / RCP/ 215 / RCP/221
- ENCLOSURE : FLAME PROOF (Ex –d), Gas Group IIA, IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIA IIB T6 Gb EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- RATING : MAX UP TO 630 AMPS.

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP /GI



Front View of Soot Blower Panel

NOTE : PERMUTATION & COMBINATION FOR COMPONENTS AS PER CUSTOMER REQUIREMENT.



DATA SHEET FOR FLP SPLIT AIR CONDITIONER

SPECIAL NOTE : WE ARE THE ONLY COMPANY IN INDIA OFFERING COMPLETE CERTIFICATION FOR THE ENTIRE FLP AIR CONDITIONER CIMFR , BIS & PESO

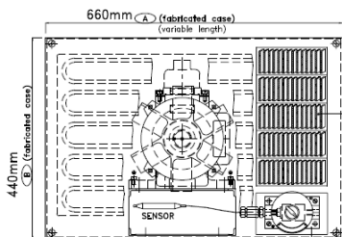
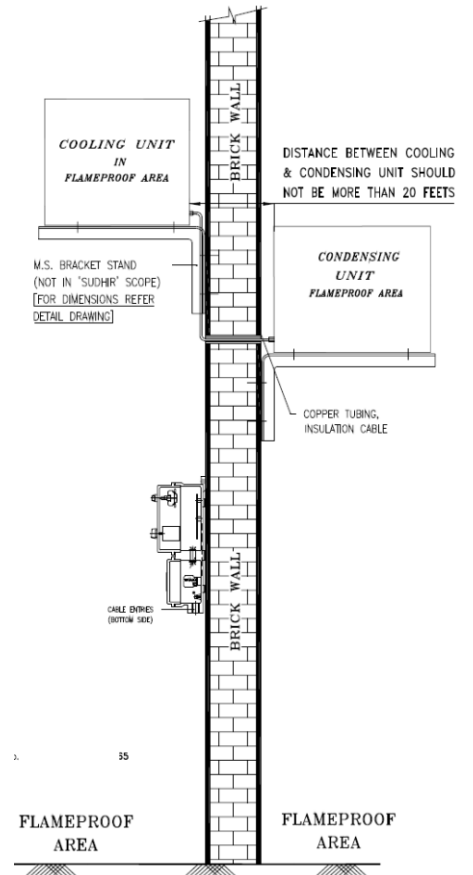
TECHNICAL DATA:

- PRODUCT : CAT NO – SAC/211
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : M.S. FABRICATED CASE / STAINLESS STEEL
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL

FLP WP AIR CONDITIONER UNIT

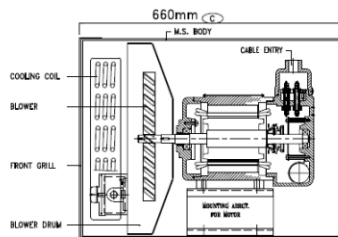
FLP WP ENCLOSURE FOR MOTOR

- PRODUCT : CAT NO.: FAN / 140
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : CAST IRON (C.I)
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- CABLE ENTRY : 1 No. M20 SIZE ENTRY
- TERMINAL : 2NO. 3/16" STUD TYPE TERMINAL OF SUDHIR MAKE
- MOTOR RATING : 920 RPM, SINGLE PHASE, 0.25HP



CIMFR TESTED FLP-WP ENCLOSURE FOR THERMOSTAT (Ex-d)
SUITABLE FOR USE IN ZONE-1, GAS GROUPS – IIA & IIB
CAT. No. : JB/2C/2017
CIMFR CERT. No. : IN/CIMFR/TR22/R/H136 Dt. 08/07/2022
PESO No. :
BIS LICENCE No. : CW/L-0003931365

FRONT VIEW OF COOLING UNIT



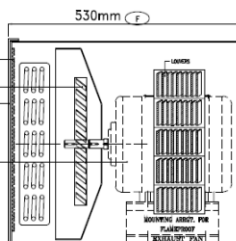
SIDE VIEW

CIMFR TESTED FLP-WP TERMINAL/COMPRESSOR UNIT ENCLOSURE
(Ex-d) SUITABLE FOR USE IN GAS GROUPS-I, IIA & IIB
CAT. No. : SAC/211
CIMFR CERT. No. : IN/CIMFR/TR22/R/H15
Dt.: 07/04/2022
PESO CERT. No. : -

BIS LICENCE No.: : CM/L-0003931365

BLADE PROTECTION NET (M.S.)
FAN BLADE (PVC)
FRONT GRILL (M.S.)

CIMFR TESTED FLP-WP MOTOR ENCLOSURE
(Ex-d) SUITABLE FOR USE IN GAS GROUPS-I, IIA & IIB
CAT. No. : FAN/140
CIMFR CERT. No. : IN/CIMFR/TR22/R/H561
Dt. 31/03/2022
PESO CERT. No. : PS40766/1
Dt.: 18/07/2022
BIS LICENCE No.: : CM/L-0003931365



SIDE VIEW

FRONT VIEW OF CONDENSING UNIT

**DATA SHEET FOR FLP SPLIT AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR THERMOSTAT**

PRODUCT	: CAT NO.: JB/2C/2017
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB IIC, As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
RANGE	: THERMOSTATE RANGE FROM 12° TO 32°
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY.

FLP WP COMPRESSOR FOR TERMINAL UNIT

PRODUCT	: CAT NO.: SAC/211
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T5 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T5
MATERIAL	: CAST IRON (C.I) / M.S.
FINISH	: OUTSIDE BLACK EPOXY SPRAY AS PER IS: 5
EARTHING	: BRASS / SS SCREW OF M4.
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY / EQUIVALENT
COMPRESSOR RATING	: 220-240V AC, 50 Hz., SINGLE PHASE SUPPLY, OR 415 V AC, 50 Hz., THREE PHASE SUPPLY
GAS USE	: GAS USE IN COMPRESSOR FOR REFRIGERANT IS 'R – 22 TYPE GAS.
REFRIGERANT	: WE CAN OFFER ECO FRIENDLY GAS TYPE R 407 / 414 ETC.

INDOOR COOLING UNIT

DIM.	1/1.5 TONNES	2 TONNES	2.5 TONNES	5 TONNES
A	660mm	660mm	660mm	660mm
B	432mm	440mm	432mm	432mm
C	635mm	660mm	635mm	635mm

OUTDOOR CONDENSING UNIT

DIM.	1/1.5 TONNES	2 TONNES	2.5 TONNES	5 TONNES
D	711mm	720mm	711mm	711mm
E	432mm	450mm	432mm	432mm
F	521mm	530mm	572mm	572mm

**DATA SHEET FOR FLP SPLIT AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR CONTROL PANEL**

PRODUCT	: CAT NO.: CGB/2C/131
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
MCB	: 1 No. 32 AMP. DP MCB
INDICATING LAMP	: 1No. 240V AC LED TYPE LENS COLOUR 'RED'.
CAPACITOR	: RUNNING CAPACITOR 40mfd
RELAY	: PTC RELAY
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 3 No. M20 SIZE ENTRY

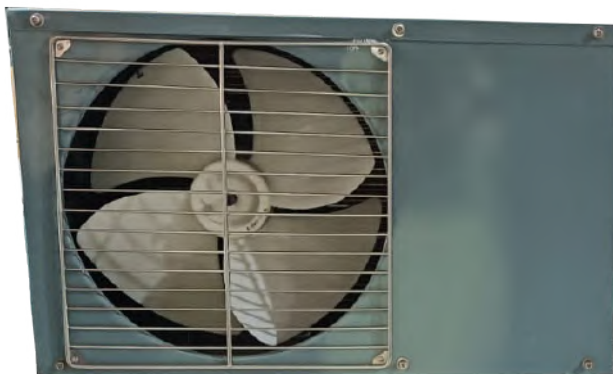
SELECTION CHART

SR.NO	TON	PHASE
1	1	SINGLE PHASE 230 V AC
2	1.5	SINGLE PHASE 230 V AC
3	2	SINGLE PHASE 230 V AC
4	2.5	THREE PHASE 415 V AC
5	3	THREE PHASE 415 V AC
6	5	THREE PHASE 415 V AC

SR.NO	INDOOR UNIT	OUT DOOR UNIT
1	FAN	COMPRESSOR
2	MOTOR	MOTOR
3	COOLING COIL	BLADE
4	BLOWER	CONDENSER
5	THERMOSTAT	VALVE - BRASS
6	VALVE - BRASS	

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1	GLAND & PLUG	BRASS / SS / ALUMINIUM
2	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.

**SPECIAL NOTE :- COPPER TUBE CAN BE SUPPLY AT EXTRA COST IF REQUIRED**



DATA SHEET FOR FLP WINDOW AIR CONDITIONER

SPECIAL NOTE : WE ARE THE ONLY COMPANY IN INDIA OFFERING COMPLETE CERTIFICATION FOR THE ENTIRE FLP AIR CONDITIONER CIMFR , BIS & PESO

TECHNICAL DATA:

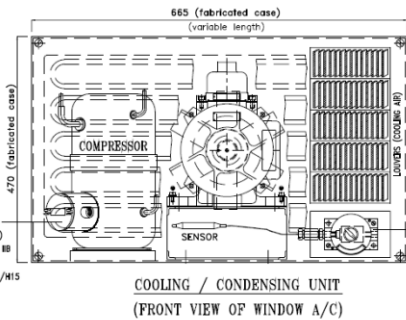
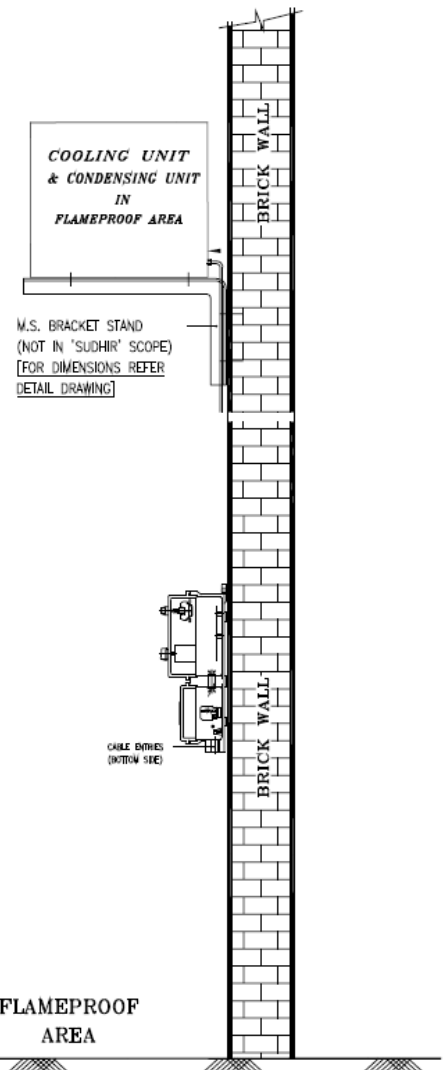
FLP WP AIR CONDITIONER UNIT

- PRODUCT : CAT NO .- SAC/211
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : M.S. FABRICATED CASE / STAINLESS STEEL
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL



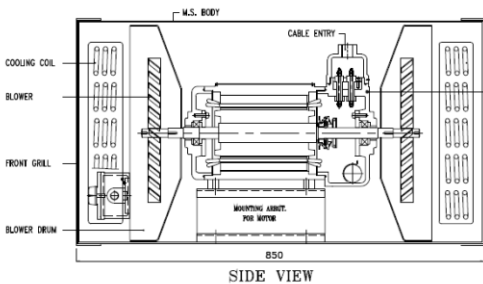
FLP WP ENCLOSURE FOR MOTOR

- PRODUCT : CAT NO.: FAN / 140
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : CAST IRON (C.I)
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- CABLE ENTRY : 1 No. M20 SIZE ENTRY
- TERMINAL : 2NO. 3/16" STUD TYPE TERMINAL OF SUDHIR MAKE
- MOTOR RATING : : 920 RPM, SINGLE PHASE, 0.25HP



CIMFR TESTED FLP-WP TERMINAL/COMPRESSOR UNIT ENCLOSURE (Ex-d) SUITABLE FOR USE IN GAS GROUPS-IA & IIB
CAT. No. : SAC/211
CIMFR CERT. No. : IN/CIMFR/TR22/R/H15 Dt: 07/04/2022
PESO CERT. No. :
BIS LICENCE No. : CM/L-0003831365

CIMFR TESTED FLP-WP ENCLOSURE FOR THERMOSTAT (Ex-d) SUITABLE FOR USE IN ZONE-1, GAS GROUPS – IA & IIB
CAT. No. : JB/2C/2017
CIMFR CERT. No. : IN/CIMFR/TR22/R/H136 Dt: 08/07/2022
PESO No. :
BIS LICENCE No. : CM/L-0003831365



CIMFR TESTED FLP-WP MOTOR ENCLOSURE (Ex-d) SUITABLE FOR USE IN GAS GROUPS- I, IA & IIB
CAT. No. : FAN/140
CIMFR CERT. No. : IN/CIMFR/TR22/R/H156 Dt: 31/03/2022
PESO CERT. No. : P540766/1 Dt: 18/07/2022
BIS LICENCE No. : CM/L-0003831365

**DATA SHEET FOR FLP WINDOW AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR THERMOSTAT**

PRODUCT	: CAT NO.: JB/2C/2017
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB IIC, As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
RANGE	: THERMOSTATE RANGE FROM 12° TO 32°
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY.

FLP WP COMPRESSOR FOR TERMINAL UNIT

PRODUCT	: CAT NO.: SAC/211
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T5 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T5
MATERIAL	: CAST IRON (C.I) / M.S.
FINISH	: OUTSIDE BLACK EPOXY SPRAY AS PER IS: 5
EARTHING	: BRASS / SS SCREW OF M4.
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY /EQUIVALENT
COMPRESSOR RATING	: 220-240V AC, 50 Hz., SINGLE PHASE SUPPLY, OR 415 V AC, 50 Hz., THREE PHASE SUPPLY
GAS USE	: GAS USE IN COMPRESSOR FOR REFRIGERANT IS 'R – 22 TYPE GAS.
REFRIGERANT	: WE CAN OFFER ECO FRIENDLY GAS TYPE R 407 / 414 ETC.

**DATA SHEET FOR FLP WINDOW AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR CONTROL PANEL**

PRODUCT	: CAT NO.: CGB/2C/131
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
MCB	: 1 No. 32 AMP. DP MCB
INDICATING LAMP	: 1No. 240V AC LED TYPE LENS COLOUR 'RED'.
CAPACITOR	: RUNNING CAPACITOR 40mfd
RELAY	: PTC RELAY
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 3 No. M20 SIZE ENTRY

SELECTION CHART

SR.NO	TON	PHASE
1	1	SINGLE PHASE 230 V AC
2	1.5	SINGLE PHASE 230 V AC
3	2	SINGLE PHASE 230 V AC
4	2.5	THREE PHASE 415 V AC
5	3	THREE PHASE 415 V AC
6	5	THREE PHASE 415 V AC

SR.NO	WINDOW UNIT
1	COMPRESSOR
2	DOUBLE SHAFT MOTOR
3	BLADE
4	BLOWER
5	COOLING COIL
6	CONDENSER
7	THERMOSTAT

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1	GLAND & PLUG	BRASS / SS / ALUMINIUM
2	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.



DATA SHEET FOR FLP INSTRUMENT ENCLOSURE (DIRECT ENTRY)

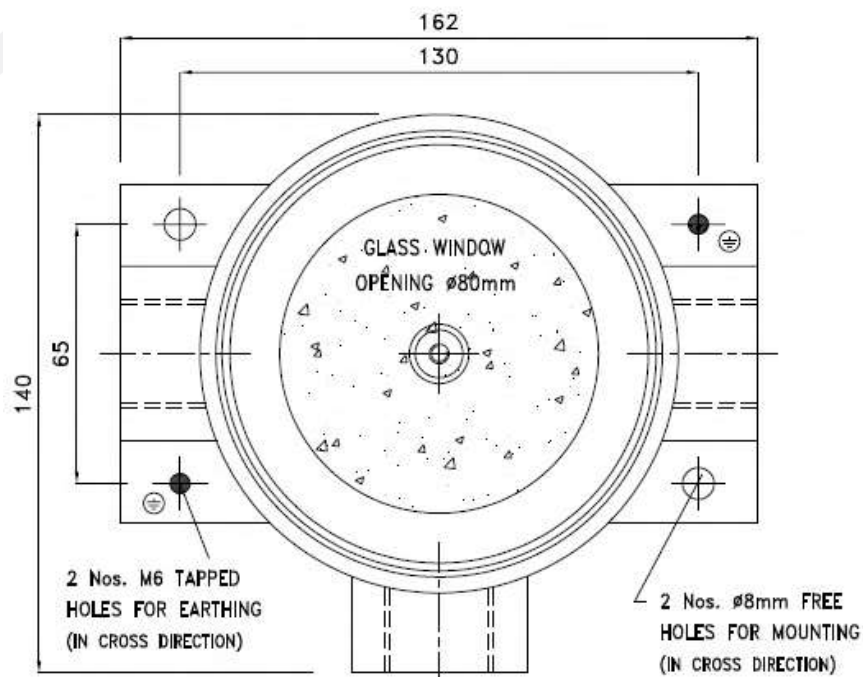
TECHNICAL DATA:

- PRODUCT : CAT NO: LS / A / 153
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SIZE : 110 MM DIA
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT
- GLASS : 80 MM DIA , HEAT RESISTANT CLEAR
TYPE – A TOUGHENED GLASS



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S. POWDER COATED / FRP / GI



FRONT VIEW



DATA SHEET FOR FLP INSTRUMENT ENCLOSURE (DIRECT ENTRY)

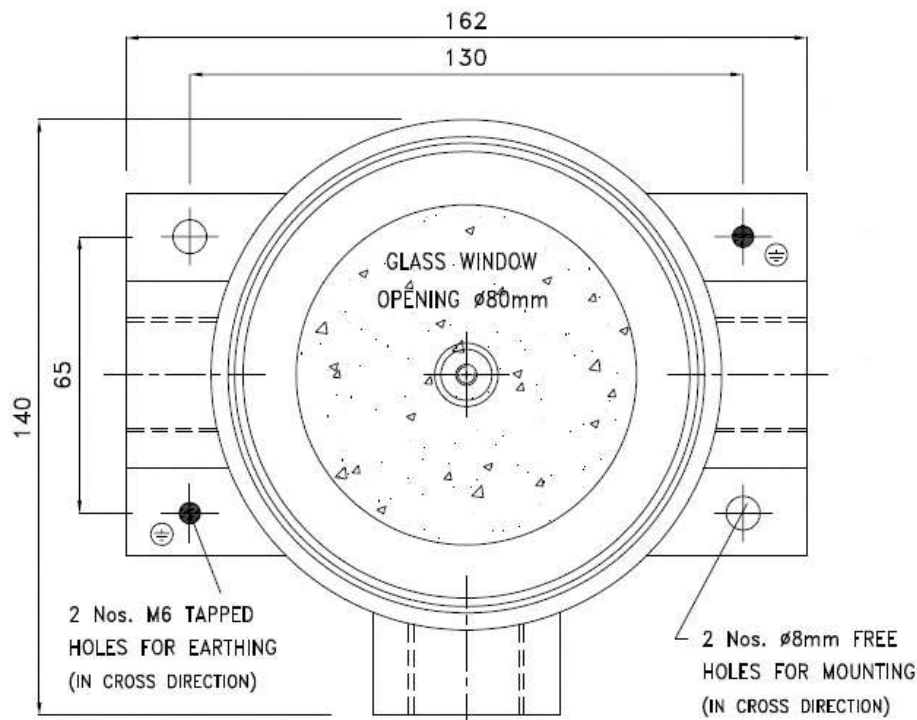
TECHNICAL DATA:

- PRODUCT : CAT NO: JB / 2C / 2017
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SIZE : 110 MM DIA
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT
- GLASS : 80 MM DIA , HEAT RESISTANT CLEAR
TYPE -A TOUGHENED GLASS



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S. POWDER COATED / FRP / GI



FRONT VIEW



DATA SHEET FOR FLP TELEPHONE

TECHNICAL DATA:

PRODUCT NAME	: CAT NO: TL / OA / 169
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 3 NOS AT BOTTOM OF M20 / ½" NPT / EQUIVALENT
VOLTAGE	: 48 V DC
SOUND LEVEL	: 100 dB AUDIBLE IN 1 METER WITH BUILT IN BUZZER
TERMINALS	: 6 NOS OF 15 AMP STRIP TYPE TERMINALS

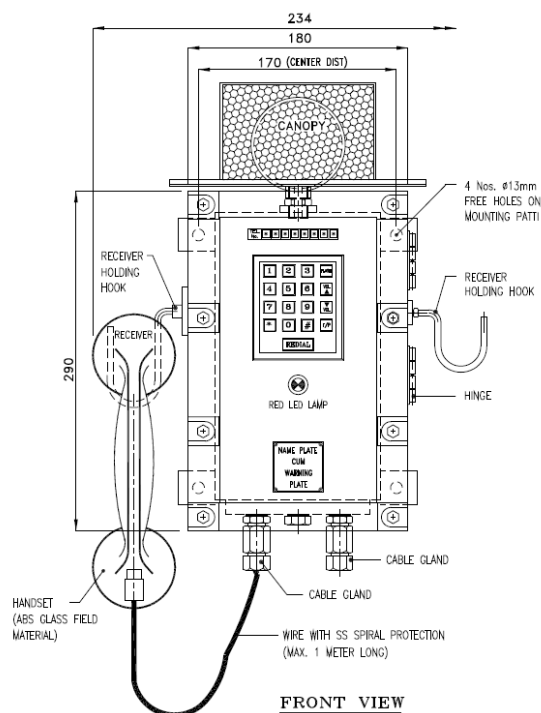


SALIENT FEATURES :

- LED INDICATION FOR INCOMING CALLS
- METALLIC STAINLESS STEEL DIAL KEY PAD
- SS KEY PAD FLUSH BUTTON TYPE
- HAND SET ABS GLASS FILLED MATERIAL.
- STAINLESS STEEL FLEXIBLE CORD FOR HAND SET WIRE.
- PULSE / TONE (SELECTABLE)
- REDIAL FACILITY
- CIRCUIT WITH ZENIER BARRIER
- SILICON COATING ON KEY PAD TO PREVENT FROM DUST / MOISTURE / CHEMICAL.

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	HANSET	ALUMINIUM METAL
5.	CANOPY	M.S POWDER COATED / G.I / FRP





DATA SHEET FOR FLP TELEPHONE

TECHNICAL DATA:

PRODCUCT NAME	: CAT NO : TL / 2C / 169
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 3 NOS AT BOTTOM OF M20 / 1/2" NPT / EQUIVALENT
VOLTAGE	: 48 V DC
SOUND LEVEL	: 100 dB AUDIBLE IN 1 METER WITH BUILT IN BUZZER
TERMINALS	: 6 NOS OF 15 AMP STRIP TYPE TERMINALS

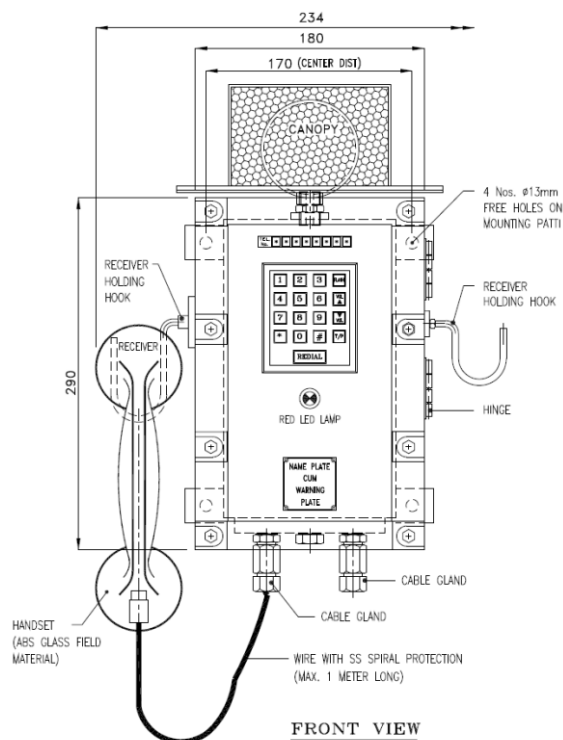


SALIENT FEATURES :

- a) LED INDICATOR FOR INCOMING CALLS
- b) METALLIC STAINLESS STEEL DIAL KEY PAD
- c) SS KEY PAD FLUSH BUTTON TYPE
- d) HAND SET ABS GLASS FILLED MATERIAL.
- e) STAINLESS STEEL FLEXIBLE CORD FOR HAND SET WIRE.
- f) PULSE / TONE (SELECTABLE)
- g) REDIAL FACILITY
- h) CIRCUIT WITH ZENIER BARRIER
- i) SILICON COATING ON KEY PAD TO PREVENT FROM DUST / MOISTURE / CHEMICAL.

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	HANSET	ALUMINIUM METAL
5.	CANOPY	M.S POWDER COATED / G.I / FRP



**DATA SHEET FOR FLP ACCESSORIES****TECHNICAL DATA:**

PRODUCT	: CAT NO: ACC / 2C / 2019
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS , PESO
TEMPERATURE CLASS	: T 6
MATERIAL	: BRASS NICKEL PLATED
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	M.S / STAINLESS STEEL / ALUMINIUM

SELECTION CHART

SR.NO	UNION (MALE X MALE)
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	M 40 / 1 1/2 " ET EQUIVALENT

SR.NO	NIPPLE
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	M 40 / 1 1/2 " ET EQUIVALENT

SR.NO	UNION (MALE X FEMALE)
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	M 40 / 1 1/2 " ET EQUIVALENT

SR.NO	COUPLING
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	M 40 / 1 1/2 " ET EQUIVALENT

SR.NO	UNION (FEMALE X FEMALE)
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	M 40 / 1 1/2 " ET EQUIVALENT

SR.NO	STOPPING PLUG
1	M20 / 3/4 " ET / EQUIVALENT
2	M 25 / 1 " ET / EQUIVALENT
3	M 32 / 1 1/4 " ET EQUIVALENT
4	UP TO M76 / 3 " ET EQUIVALENT

SR.NO	REDUCER
1	M25 / 1 " ET TO M20 / 3/4 " ET / EQUIVALENT
2	M32 / 1 1/4 " ET TO M 25 / 1 " ET / EQUIVALENT
3	M 40 / 1 1/2 " ET TO M32 / 1 1/4 " ET / EQUIVALENT
4	M 50 / 2 " ET TO M40 / 1 1/2 " ET / EQUIVALENT

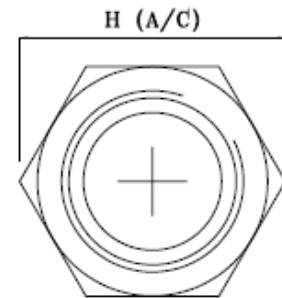
SR.NO	ADAPTOR
1	M20 / 3/4 " ET TO M25 / 1 " ET / EQUIVALENT
2	M 25 / 1 " ET TO M32 / 1 1/4 " ET / EQUIVALENT
3	M32 / 1 1/4 " ET TO M 40 / 1 1/2 " ET / EQUIVALENT
4	M40 / 1 1/2 " ET TO M 50 / 2 " ET / EQUIVALENT



DATA SHEET FOR FLP CABLE GLANDS

TECHNICAL DATA:

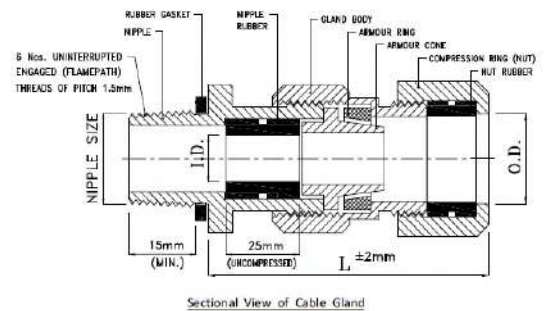
PRODUCT	:	CAT NO.-CG/209
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA, IIB, As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP - 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIA & IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
MATERIAL	:	BRASS NICKEL PLATED
TYPE	:	DOUBLE COMPRESSION TYPE
GASKET	:	RUBBER "O" RING



PLAN VIEW OF CABLE GLAND

SELECTION CHART

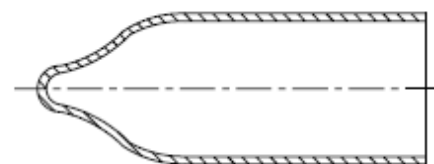
SR. NO	NIPPLE/THREAD SIZE	O.D.	I.D.
1.	M12 OR ½" ET	8 MM	5 MM
2.	M19/M20 OR ½" NPT OR ¾" ET	15 MM 17.5 MM 20.5 MM	8 MM 11 MM 13 MM
3.	M25 OR ¾" NPT OR 1" ET	17.5 MM 22.5 MM	11 MM 16 MM
4.	M32 OR 1" NPT OR 1 ¼" ET	26.5 MM 30 MM	20 MM 22 MM
5.	M38/M40 OR 1 ½" NPT OR 1 ½" ET	33.5 MM 37 MM	26 MM 30 MM
6.	M50 OR 1 ½" NPT OR 2" ET	46 MM 50 MM	38 MM 43 MM
7.	M62 OR 2" NPT OR 2 ½" ET	60 MM 62 MM	48 MM 56 MM
8.	M75 OR 2 ½" NPT OR 3" ET	68 MM 71 MM	58 MM 65 MM
9.	M90 OR 3" NPT OR 3 ½" ET	98 MM	65 MM



Sectional View of Cable Gland

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL/ALUMINIUM
2.	ACCESSORIES	CHECK NUT, PVC HOOD, EARTH TAG



CABLE GLAND HOOD
OPTIONAL PART AS PER CUSTOMERS REQUIREMENT

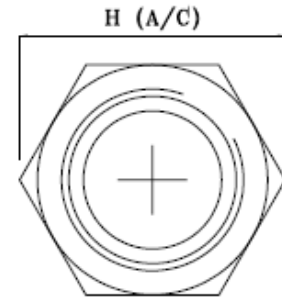




DATA SHEET FOR CABLE GLANDS

TECHNICAL DATA:

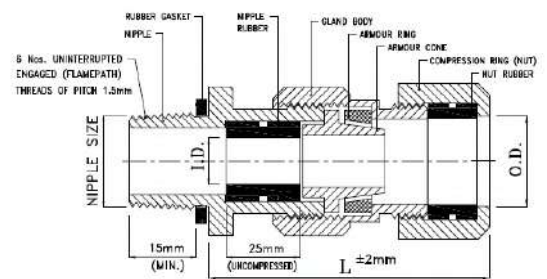
PRODUCT	:	CAT NO.-CG/2C/2018
ENCLOSURE	:	FLAME PROOF (Ex -d) , Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
MATERIAL	:	BRASS NICKEL PLATED
TYPE	:	DOUBLE COMPRESSION TYPE
GASKET	:	RUBBER "O" RING



PLAN VIEW
OF CABLE GLAND

SELECTION CHART

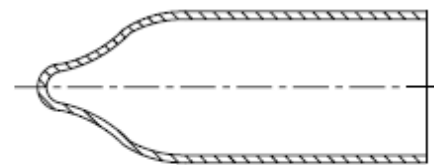
SR. NO	NIPPLE/THREAD SIZE	O.D.	I.D.
1.	M12 OR ½" ET	8 MM	5 MM
2.	M19/M20 OR ½" NPT OR ¾" ET	15 MM 17.5 MM 20.5 MM	8 MM 11 MM 13 MM
3.	M25 OR ¾" NPT OR 1" ET	17.5 MM 22.5 MM	11 MM 16 MM
4.	M32 OR 1" NPT OR 1 ¼" ET	26.5 MM 30 MM	20 MM 22 MM
5.	M38/M40 OR 1 ½" NPT OR 1 ½" ET	33.5 MM 37 MM	26 MM 30 MM
6.	M50 OR 1 ½" NPT OR 2" ET	46 MM 50 MM	38 MM 43 MM
7.	M62 OR 2" NPT OR 2 ½" ET	60 MM 62 MM	48 MM 56 MM
8.	M75 OR 2 ½" NPT OR 3" ET	68 MM 71 MM	58 MM 65 MM
9.	M90 OR 3" NPT OR 3 ½" ET	98 MM	65 MM



Sectional View of Cable Gland

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL/ALUMINIUM
2.	ACCESSORIES	CHECK NUT, PVC HOOD,EARTH TAG



CABLE GLAND HOOD
OPTIONAL PART AS PER CUSTOMERS REQUIREMENT



NOTE : CHECK NUT ONLY FOR METRIC AND ET TYPE GLANDS.



DATA SHEET FOR FLP STOPPING PLUG

TECHNICAL DATA:

PRODUCT	:	CAT NO.-SP/2019
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	:	CIMFR, BIS, PESO
MATERIAL	:	BRASS
GASKET	:	RUBBER "O" RING

SELECTION CHART

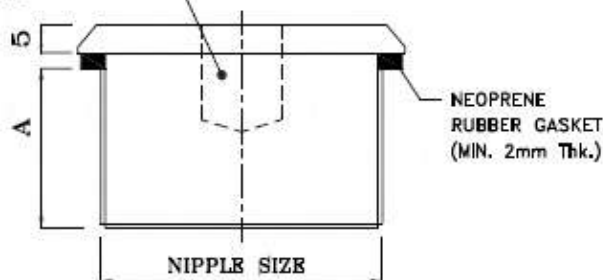
SR. NO	NIPPLE/THREAD SIZE
1.	M12 OR ½" ET
2.	M19/M20 OR ½" NPT OR ¾" ET
3.	M25 OR ¾" NPT OR 1" ET
4.	M32 OR 1" NPT OR 1 ¼" ET
5.	M38/M40 OR 1 ½" NPT OR 1 ½" ET
6.	M50 OR 1 ½" NPT OR 2" ET
7.	M62 OR 2" NPT OR 2 ½" ET
8.	M75 OR 2 ½" NPT OR 3" ET

OPTIONS

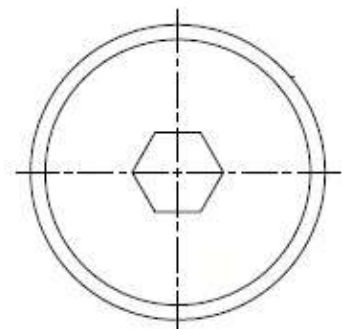
SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL/M.S./ALUMINIUM



⊗ HEX. SLOT FOR ALLEN/
HEX. KEY TO FIX OR
REMOVE PLUG



STOP PLUG



PLAN



DATA SHEET FOR FLP BREATHER PLUG

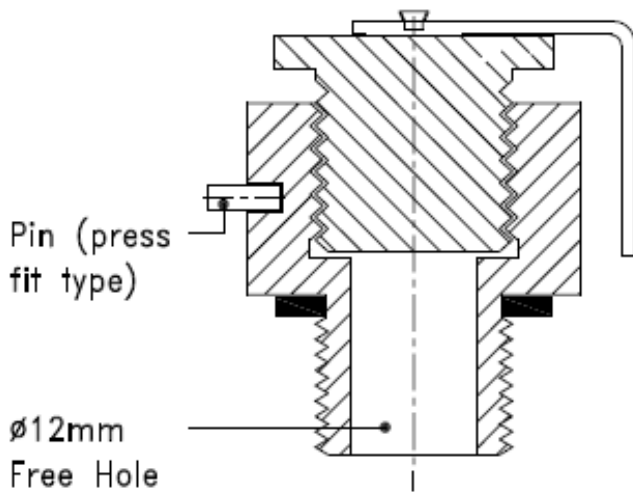
TECHNICAL DATA:

- PRODUCT : CAT NO: BP / 2 C / 2020
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIC, As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP - 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- MATERIAL : STAINLESS STEEL.
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON

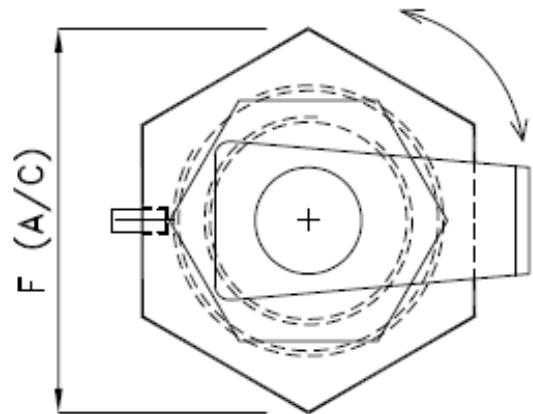


SELECTION CHART

SR.NO	PARTICULAR
1.	M 20 / 1/2" NPT / 3/4" ET / EQUIVALENT



FRONT VIEW



PLAN
BREATHER/DRAIN
PLUG



DATA SHEET FOR FLP FLEXIBLE METALLIC CONDUIT

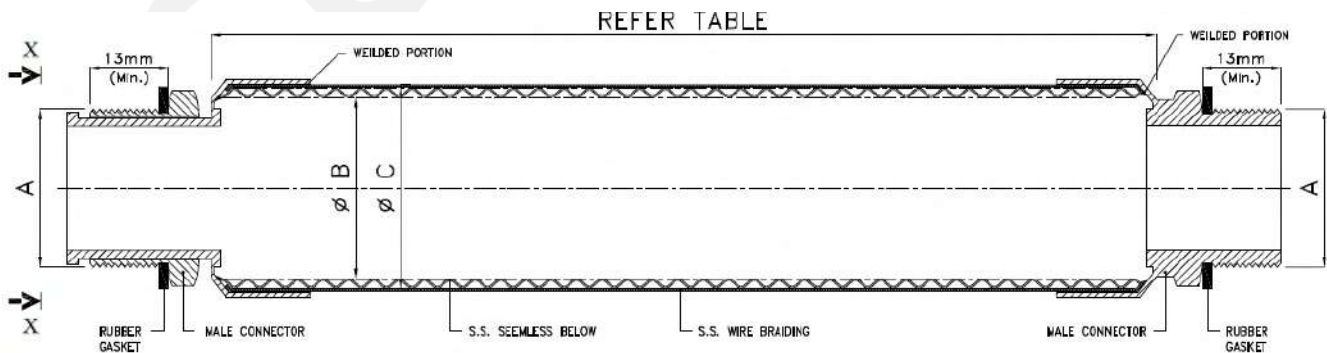
TECHNICAL DATA:

- PRODUCT : CAT NO: FH / 199
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIA IIB Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- MATERIAL : STAINLESS STEEL.
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON

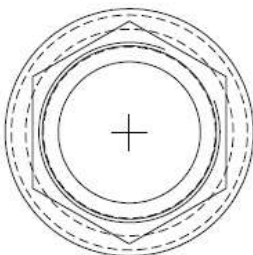


SELECTION CHART

SR.NO	PARTICULAR	OPTIONS
1.	M 20 / 1/2 " NPT / 3/4 " ET / EQUIVALENT	10000 MM / 10 METER
2.	UPTO M 50 / 1 1/2 " NPT / 2 " ET / EQUIVALENT	3000 MM / 3 METER



SECTIONAL VIEW OF FLEXIBLE CONDUIT



VIEW FROM -- 'X'

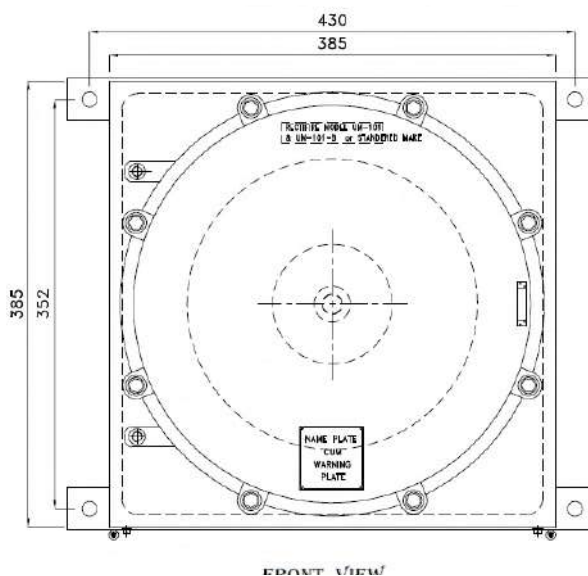
DRG. No.	A (NIPPLE SIZE)	B	C	Maximum Length
FH/199	M20 / 1/2" NPT / EQUIVLENT 3/4" ET THREADS	11mm ±2	20mm ±2	10000mm
FH/199	M50 / 1 1/2" NPT / EQUIVLENT 2" ET THREADS	50mm ±2	68mm ±2	3000mm

**DATA SHEET FOR FLP ELECTRO MAGNETIC BRAKE****TECHNICAL DATA:**

PRODUCT	: CAT NO: BR / 2C / 2027A
ENCLOSURE	: FLAME PROOF (Ex -d) , Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
INPUT VOLTAGE	: 415 V AC , 3 PHASE , 50 HZ.
OUTPUT VOLTAGE	: 190 – 220 VOLTS
RATING	: 800 N/m (NEWTON METRE) TORQUE
TERMINAL ENTRIES	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS. 2 Nos M20 / ½ " NPT / EQUIVALENT UPTO M 25

OPTIONS

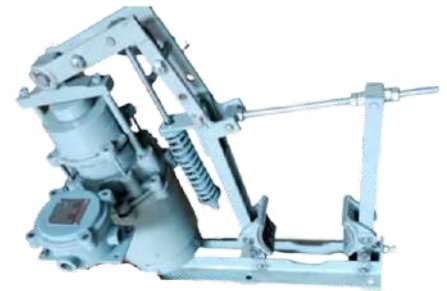
SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.

**Specification :**

Break Rating	: Max. upto 800 N/m (Newton Metre) Torque,
Input Current	: 1-3 Amp.
Input Voltage	: 415 Volts
Output Voltage	: 190-220 Volts

**DATA SHEET FOR FLP ELECTRO HYDRAULIC THRUSTOR BRAKE****TECHNICAL DATA:**

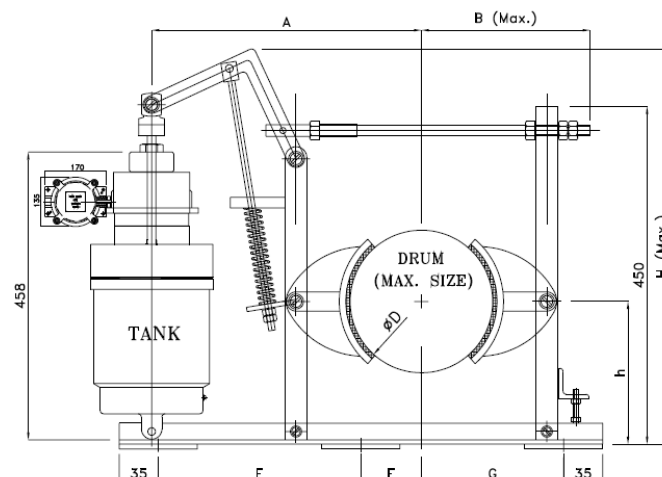
PRODUCT	: CAT NO: BR / 2C / 2027
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: CAST IRON
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
VOLTAGE	: 500 V AC / DC , 3 PHASE , 50 HZ.
TERMINAL	: 4 NOS OF 2.5 SQ.MM CLIP ON TYPE TERMINALS.
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT

**OPTIONS**

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.

SELECTION CHART

SR.NO	BREAK TYPE	DRUM DIA	THRUSTOR CAPACITY .(KGS)	THRUSTOR STROKE .(MM)	BREAKING TORQUE (KGM)
1	BR 100 -18	100	18	50	35
2	BR 150 -18	150	18	50	35
3	BR 200 -18	200	18	50	35
4	BR 250 -18	250	18	50	35
5	BR 250 -34	250	34	50	42
6	BR 300 -18	300	18	50	42
7	BR 300 -34	300	34	50	62
8	BR 400 -34	400	34	50	90
9	BR 400 -68	400	68	75	170
10	BR 500 -68	500	68	75	290
11	BR 500 -114	500	114	75	485
12	BR 600 -114	600	114	75	580





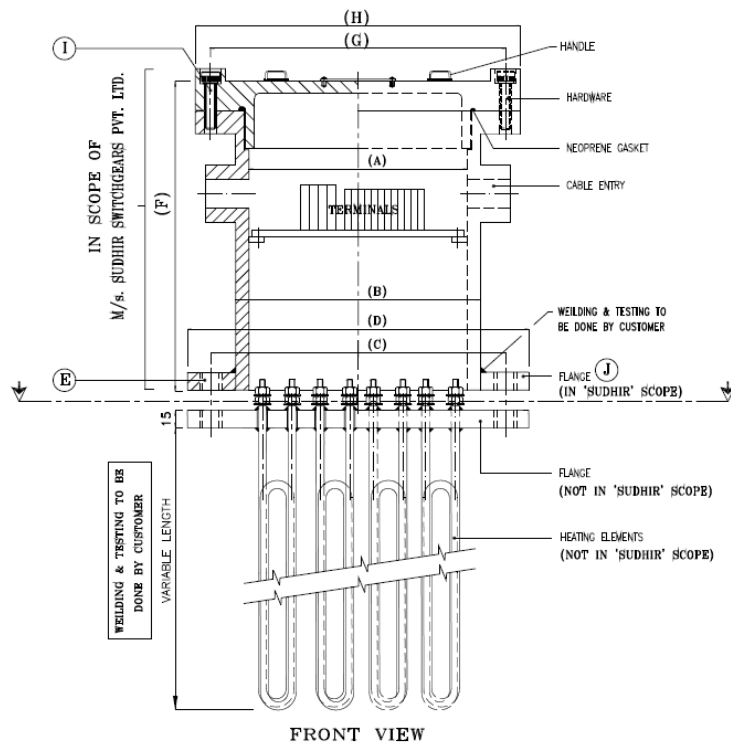
DATA SHEET FOR FLP HEATER

TECHNICAL DATA:

PRODUCT	: CAT NO: EH / 1891
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb/tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: CAST IRON
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
VOLTAGE	: 500 V AC / DC , 3 PHASE , 50 HZ.
TERMINAL	: AS PER CUSTOMRT REQUIREMENT
ENTRIES	: AS PER CUSTOMRT REQUIREMENT

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	RATING	15 /22/30/42/48/60/72/96/150 W
4.	ELEMENT	WITH / WITH OUT ELEMENT.





DATA SHEET FOR FLP THERMOSTAT ENCLOSURE (DIRECT ENTRY)

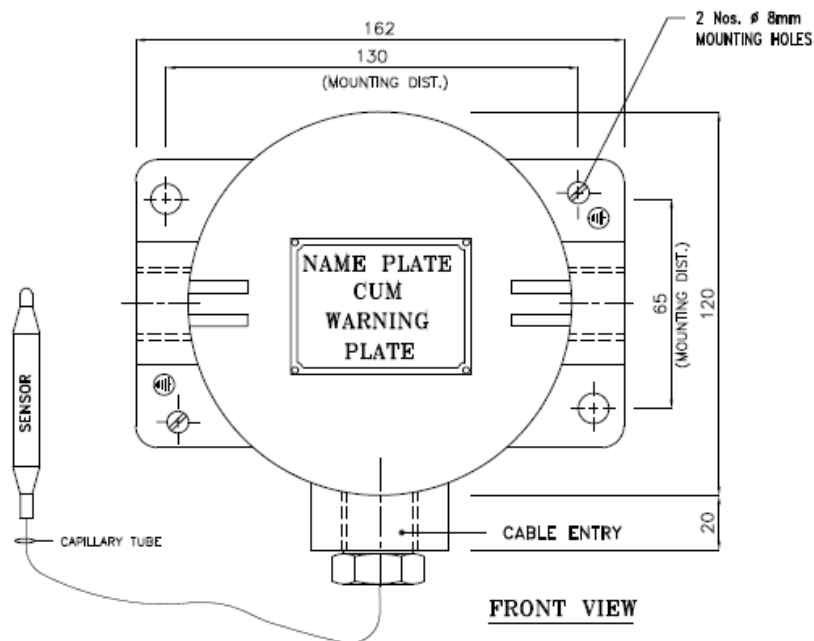
TECHNICAL DATA:

- PRODUCT : CAT NO: LS / A / 153
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SIZE : 115 MM DIA
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT
- RANGE : SETTING RANGE 30 ° TO 110 °
- GLASS : 80 MM DIA , HEAT RESISTANT CLEAR
TYPE-A TOUGHENED GLASS (FLAT)



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S. POWDER COATED / FRP / GI
5.	RANGE	SETTING RANGE 50 ° TO 300 °





DATA SHEET FOR FLP THERMOSTAT ENCLOSURE (DIRECT ENTRY)

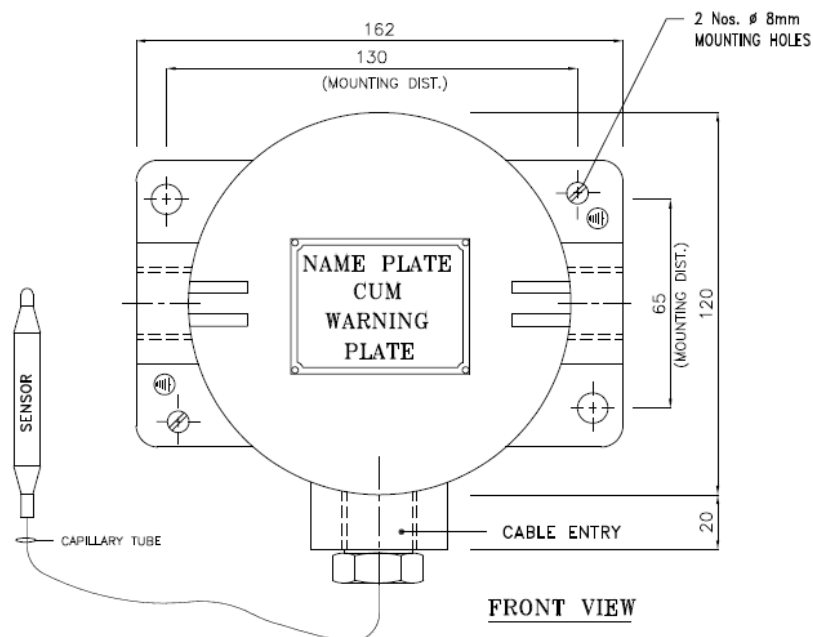
TECHNICAL DATA:

- PRODUCT : CAT NO: JB / 2C / 2017
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS , PESO
- TEMPERATURE CLASS : T 6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- SIZE : 115 MM DIA
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT
- RANGE : SETTING RANGE 30 ° TO 110 °
- GLASS : 80 MM DIA , HEAT RESISTANT CLEAR
TYPE- A TOUGHENED GLASS (FLAT)



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S. POWDER COATED / FRP / GI
5.	RANGE	SETTING RANGE 50 ° TO 300 °





DATA SHEET FOR FLP DIGITAL CLOCK

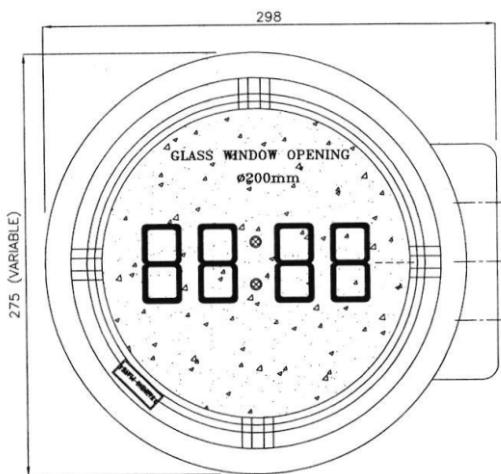
TECHNICAL DATA:

PRODUCT	:	CAT NO: BH / 2 C / 197
ENCLOSURE	:	FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	:	WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	:	Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
TEMPERATURE CLASS	:	T 6
MATERIAL	:	DIE CAST ALUMINIUM ALLOY
FINISH	:	EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	:	1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	:	STAINLESS STEEL
GASKET	:	'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	:	SS NAME PLATE CUM WARNING PLATE
GLASS	:	HEAT RESISTANT CLEAR TOUGHENED GLASS TYPE - A
ENTRIES	:	2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	:	240 V AC
Letter size	:	45 mm / 1.8 "

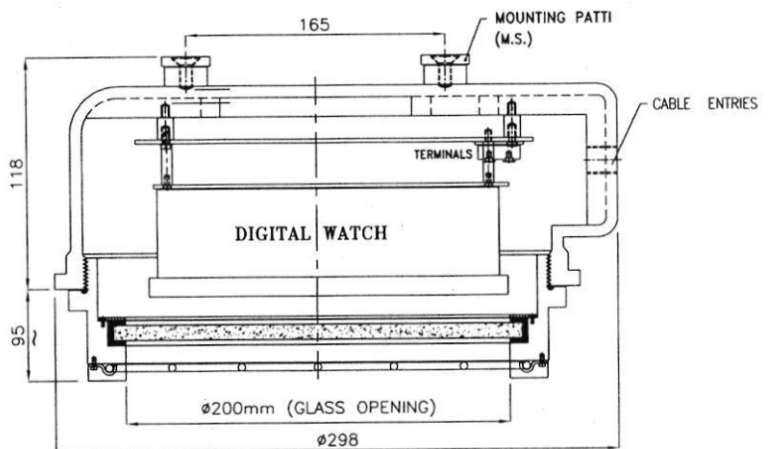


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631 , 632 , 355,7031 , 7032 etc.



FRONT VIEW



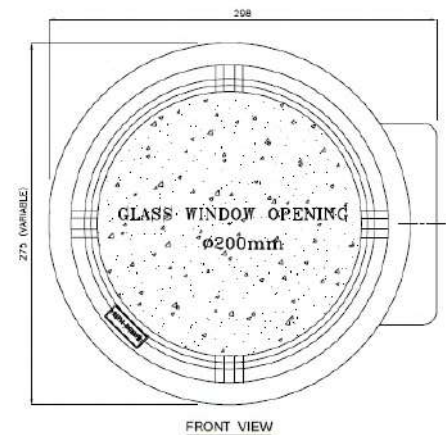
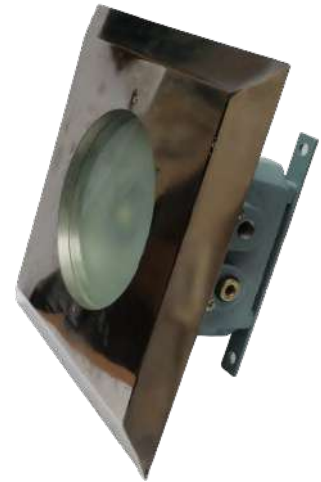
SECTIONAL VIEW



DATA SHEET FOR CLEAN ROOM LIGHT FITTING (BOTTOM OPENING)

TECHNICAL DATA:

PRODUCT	: CAT.NO.: BH / 2C / 197
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB , IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TOUGHENED GLASS TYPE - A
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
SURFACE TEMP.	: MAX . 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED



OPTIONS

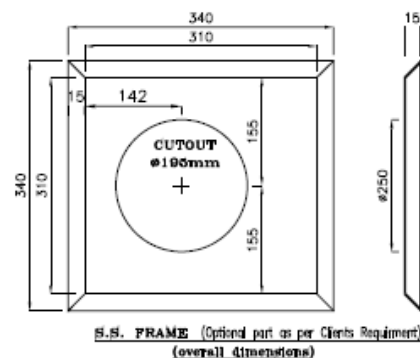
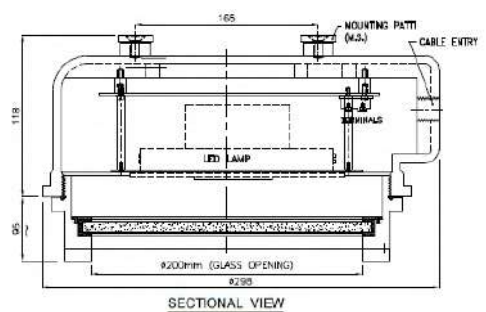
SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
4.	BATTERY BACK UP	UP TO 90 MINS
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
7.	SS FRAME	
8.	M.S BOX & SS COVER	

SELECTION CHART

SR.NO	WATTAGE	PART NO
1	20	BH / 2C / 197 / 20
2	30	BH / 2C / 197 / 30
3	45	BH / 2C / 197 / 45
4	50	BH / 2C / 197 / 50
5	60	BH / 2C / 197 / 60

CUTOUT SIZE

300 X 300

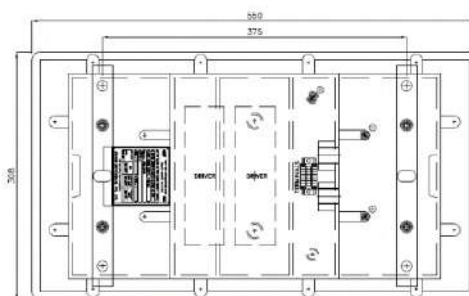
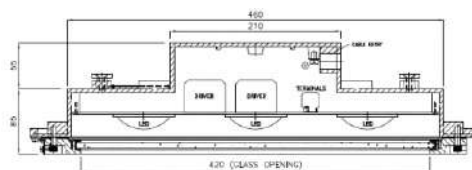




DATA SHEET FOR CLEAN ROOM LIGHT FITTING

TECHNICAL DATA:

PRODUCT	: CAT.NO.: CRF / 1273
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA , IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA & IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22)
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TOUGHENED GLASS TYPE - A
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V (240 V AC)
POWER FACTOR	: ≥0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
SURFACE TEMPERATURE	: MAX. 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

LIGHT FITTINGS - (VIEW FROM TOP SIDE)
TYPE - 2 (BOTTOM OPENING DESIGN)

Sectional side view

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
4.	BATTERY BACK UP	UP TO 90 MINS
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631 , 632 , 355 , 7031 , 7032 etc.
7.	WATTAGE	45 , 60 , 75 , 90 & 100
8.	MONOCHROMATIC LAMPS ARE AVAILABLE	

SELECTION CHART

SR.NO	PARTICULAR	OPTIONS	CUT OUT SIZE
1.	TOP OPENABLE	M.S BOX WITH SS COVER	575 X 330
2.		WITH SS COVER	550 X 310
3.	BOTTOM OPENABLE	M.S BOX WITH SS COVER	565 X 325
		WITH SS COVER	550 X 310
		FRAME WITH OUT M.S. BOX SS COVER	520 X 260



DATA SHEET FOR FLP CLEAN ROOM PUSH BUTTON STATION (LCS) WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT NO.-PBS/OA/1010
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb/tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT / UP TO M25
- TERMINALS : 4 NOS OF 2.5 SQ MM
- CLEAN ROOM : M.S. BOX WITH STAINLESS STEEL COVER

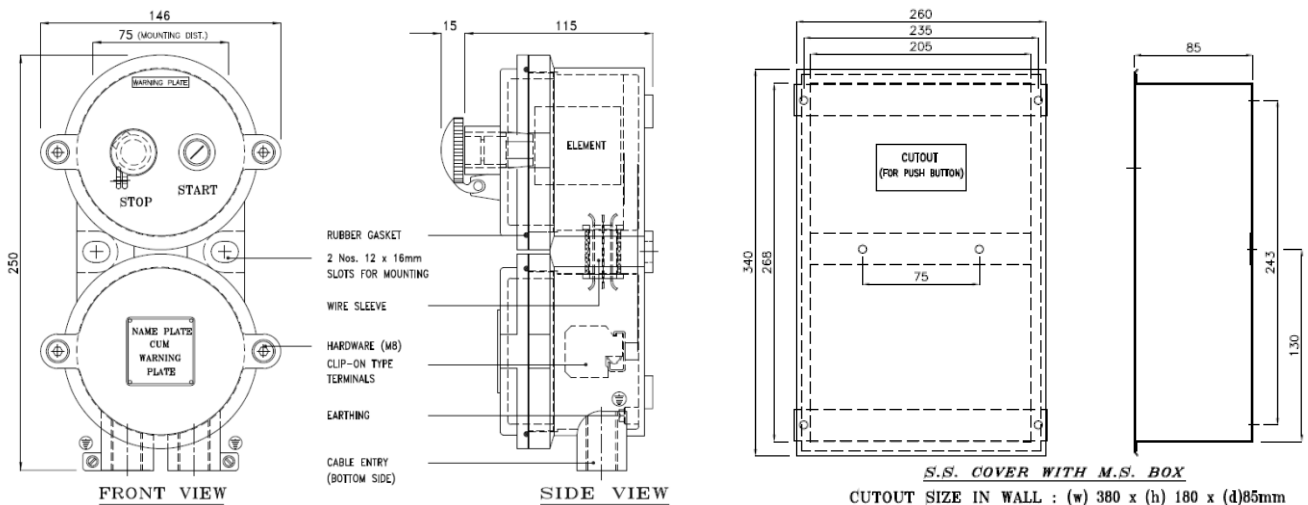


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	ON/OFF WITH INDICATION LAMP
5.	REVERSE FORWARD STOP



NOTE:- PERMUTATION & COMBINATION OF COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR FLP CLEAN ROOM ROTARY SWITCH WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : RI/OA/1010
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- TERMINALS : 4 NOS OF 2.5 SQ MM
- SWITCH : UP TO 32 AMP
- TERMINALS : 4 NOS OF 2.5SQ.MM CLIP ON TYPE TERMINAL
UPTO 6 SQ MM
- CLEAN ROOM : M.S. BOX WITH STAINLESS STEEL COVER

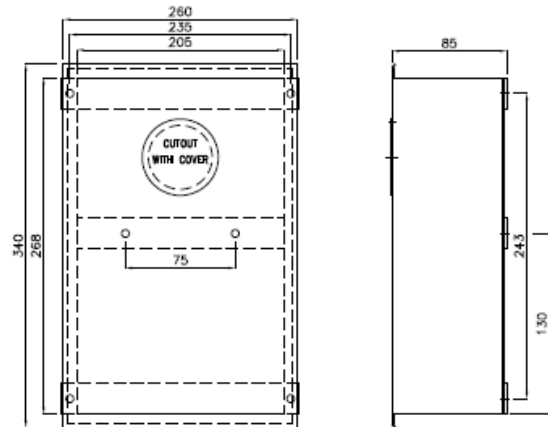
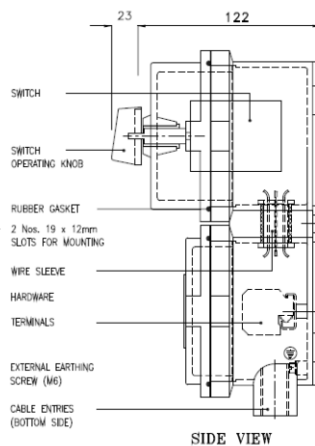
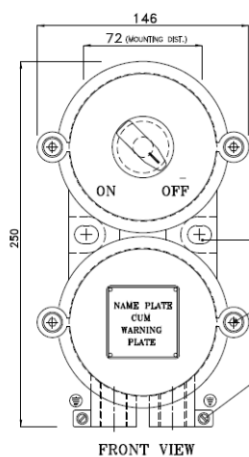


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC



SS COVER WITH M.S. BOX

CUTOUT SIZE IN WALL : (w) 380 x (h) 180 x (d)85mm



DATA SHEET FOR FLP CLEAN ROOM SWITCH SOCKET WITH TERMINAL CHAMBER

TECHNICAL DATA:

- PRODUCT : CAT. NO.- SS/OA/1010
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP. CLASS : Ex db IIA,IIB T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMPERATURE CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS AT BOTTOM AND 1 NO AT PLUG TOP OF M20/ ½”
NPT/ EQUIVALENT / UP TO M25
- FLAP : RUBBER FLAP WILL BE PROVIDED FOR SOCKET
- TERMINALS : 4 NOS OF 2.5SQ.MM CLIP ON TYPE TERMINAL / UPTO 6 SQ MM
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS THE
PLUG CAN NOT BE REMOVED WHEN THE
SWITCH IS IN “ON” POSITION AND CAN BE WITHDRAW ONLY
WHEN THE SWITCH IS IN “OFF” POSITION.
- CLEAN ROOM : M.S. BOX WITH STAINLESS STEEL COVER

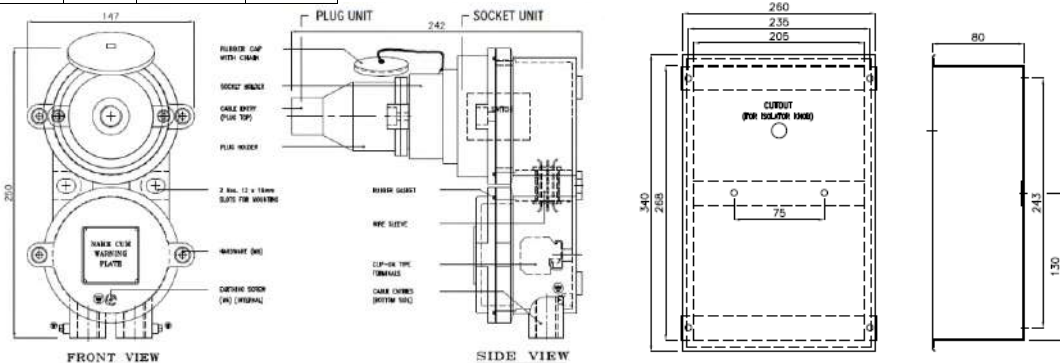


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE	PIN
1.	16 AMP	DP	240 V AC	2P + E
2.	16 AMP	TP	415 V AC	3P + E
3.	16 AMP	TPN	415 V AC	4P + E
4.	20 AMP	DP	240 V AC	2P + E
5.	20 AMP	TP	415 V AC	3P + E
6.	20 AMP	TPN	415 V AC	4P + E
7.	25 AMP	DP	240 V AC	2P + E
8.	25 AMP	TP	415 V AC	3P + E
9.	25 AMP	TPN	415 V AC	4P + E
10.	32 AMP	DP	240 V AC	2P + E
11.	32 AMP	TP	415 V AC	3P + E
12.	32 AMP	TPN	415 V AC	4P + E



SS304 COVER WITH M.S. BOX
CUTOUT SIZE IN WALL : (w) 380 x (h) 180 x (d)85mm



DATA SHEET FOR WEATHER PROOF ROTARY SWITCH

TECHNICAL DATA:

PRODUCT	: CAT NO.- RI/105
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
CERTIFICATION	: CIMFR
TEMP CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 NOS M20 / ½" NPT / EQUIVALENT
SWITCH	: UP TO 32 AMP TPN

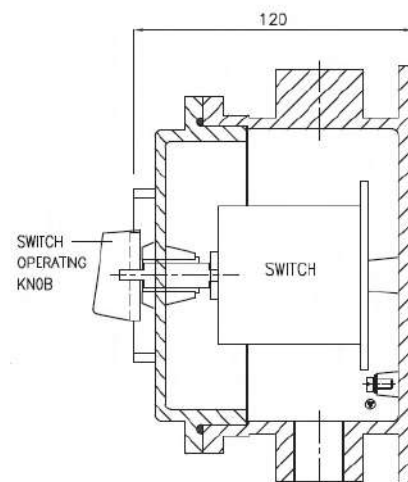
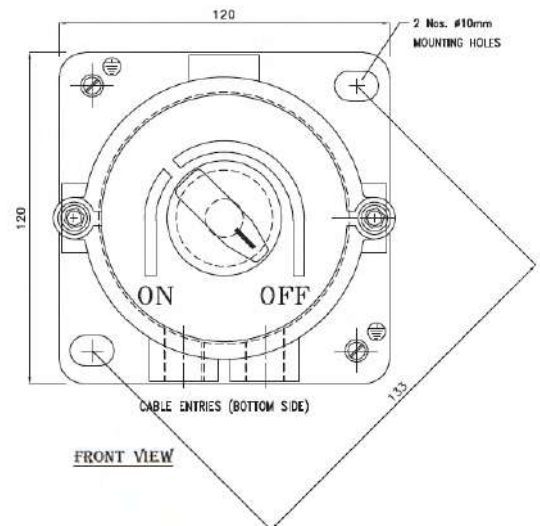


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE
1.	16 AMP	DP	240 V AC
2.	16 AMP	TP	415 V AC
3.	16 AMP	TPN	415 V AC
4.	20 AMP	DP	240 V AC
5.	20 AMP	TP	415 V AC
6.	20 AMP	TPN	415 V AC
7.	25 AMP	DP	240 V AC
8.	25 AMP	TP	415 V AC
9.	25 AMP	TPN	415 V AC
10.	32 AMP	DP	240 V AC
11.	32 AMP	TP	415 V AC
12.	32 AMP	TPN	415 V AC





DATA SHEET FOR WEATHER PROOF SWITCH SOCKET (DIRECT ENTRY)

TECHNICAL DATA:

- PRODUCT : CAT.NO.- SS/105
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
- CERTIFICATION : CIMFR
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS M20 / ½ " NPT / EQUIVALENT
- SWITCH : UP TO 32 AMP TPN
- SOCKET : UP TO 32 AMP TPN
- PLUG TOP : UP TO 32 AMP TPN (4P+E)
- FLAP : RUBBER FLAP WILL BE PROVIDED FOR SOCKET
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND AN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.

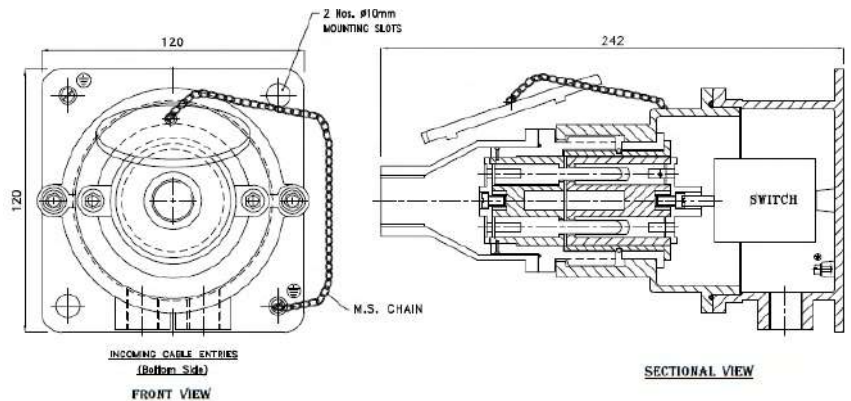


OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	CANOPY	M.S POWDER COATED / FRP / GI
5.	TERMINAL	AS PER RATING OF SWITCH SOCKET

SELECTION CHART

SR.NO	SWITCH RATING	POLE	VOLTAGE	PIN
1.	16 AMP	DP	240 V AC	2P + E
2.	16 AMP	TP	415 V AC	3P + E
3.	16 AMP	TPN	415 V AC	4P + E
4.	20 AMP	DP	240 V AC	2P + E
5.	20 AMP	TP	415 V AC	3P + E
6.	20 AMP	TPN	415 V AC	4P + E
7.	25 AMP	DP	240 V AC	2P + E
8.	25 AMP	TP	415 V AC	3P + E
9.	25 AMP	TPN	415 V AC	4P + E
10.	32 AMP	DP	240 V AC	2P + E
11.	32 AMP	TP	415 V AC	3P + E
12.	32 AMP	TPN	415 V AC	4P + E





DATA SHEET FOR WEATHER PROOF SWITCH SOCKET

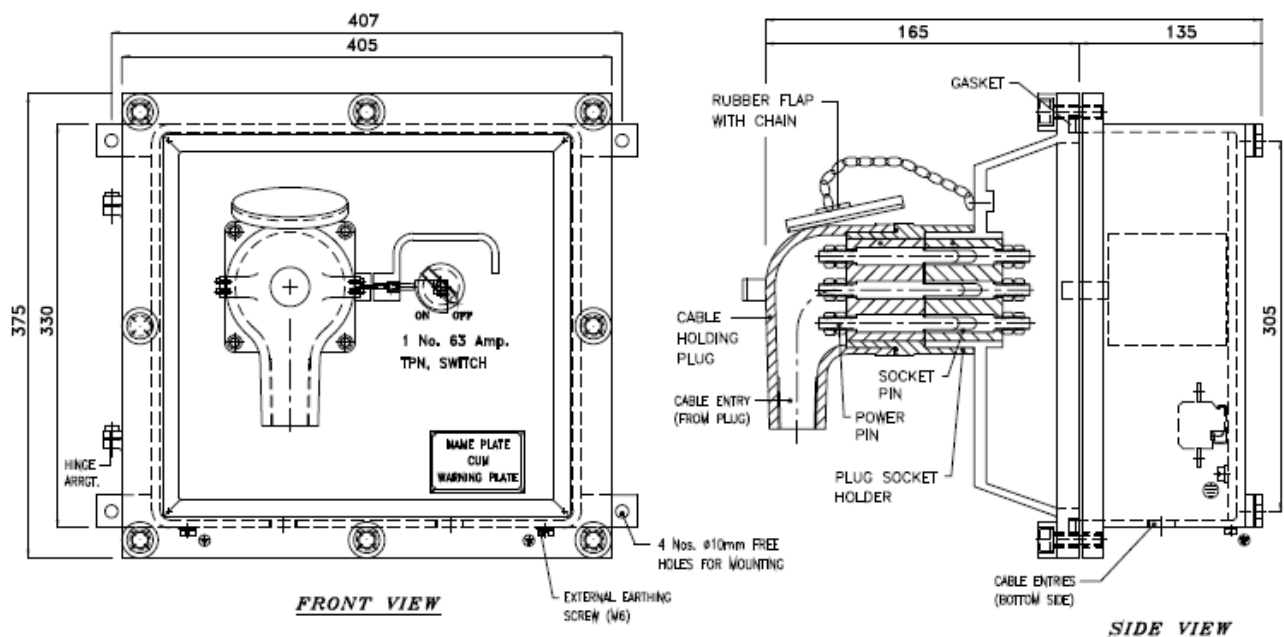
TECHNICAL DATA:

- PRODUCT : CAT. NO.- SS/206
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
- CERTIFICATION : CIMFR,
- TEMPERATURE CLASS : T6
- RATING : UP TO 100 AMP 4P+E
- VOLTAGE : 415 V AC
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 NOS AT M40 BOTTOM AND 1 NO AT PLUG TOP M20/ ½" NPT / EQUIVALENT
- SWITCH : UP TO 100 AMP 4P DP 230V CAM TYPE
- SOCKET : UP TO 100 AMP (4P + E)
- PLUG TOP : UP TO 100 AMP (4P + E)
- FLAP : RUBBER FLAP WILL BE PROVIDED FOR SOCKET
- TERMINAL : 4 NOS OF UPTO 70 SQ.MM BUSBAR TYPE TERMINAL
- INTERLOCK : INTERLOCKING ARRANGEMENT SUCH AS THE PLUG CAN NOT BE REMOVED WHEN THE SWITCH IS IN "ON" POSITION AND CAN BE WITHDRAW ONLY WHEN THE SWITCH IS IN "OFF" POSITION.



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	ON / OFF	MCB / ELCB / MCCB / RCBO
3.	GLAND & PLUG	BRASS / SS / ALUMINIUM
4.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
5.	CANOPY	M.S POWDER COATED / FRP





DATA SHEET FOR WEATHER PROOF PUSH BUTTON STATION (LCS) DIRECT ENTRIES

TECHNICAL DATA:

- PRODUCT : CAT NO.- LCS / 105
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
- CERTIFICATION : CIMFR,
- TEMP CLASS : T6
- MATERIAL : DIE CAST ALUMINIUM ALLOY
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 2 Nos M20 / ½ " NPT / EQUIVALENT / UP TO M25

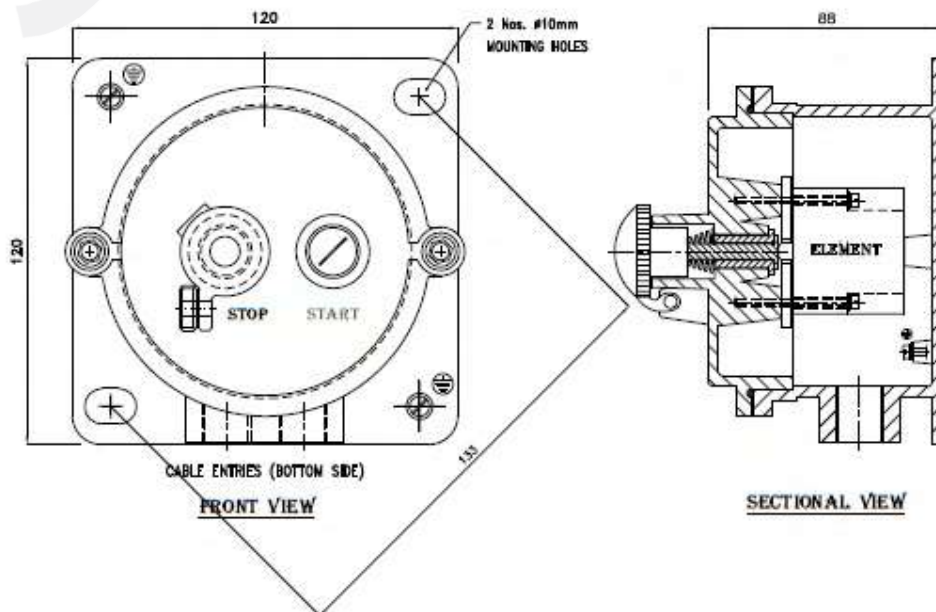


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL / CRCA /MS
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED/ FRP / GI

SELECTION CHART

SR.NO	COMBINATION
1.	ONLY EMERGENCY OFF
2.	ONLY OFF
3.	ON/OFF
4.	ON/OFF WITH INDICATION LAMP
5.	REVERSE FORWARD STOP



NOTE:- PERMUTATION & COMBINATION OR COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR WEATHER PROOF PUSH BUTTON STATION (LCS).

TECHNICAL DATA:

PRODUCT	: CAT NO.-I / WP / 1012
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
CERTIFICATION	: CIMFR
TEMP CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT/UP TO M25

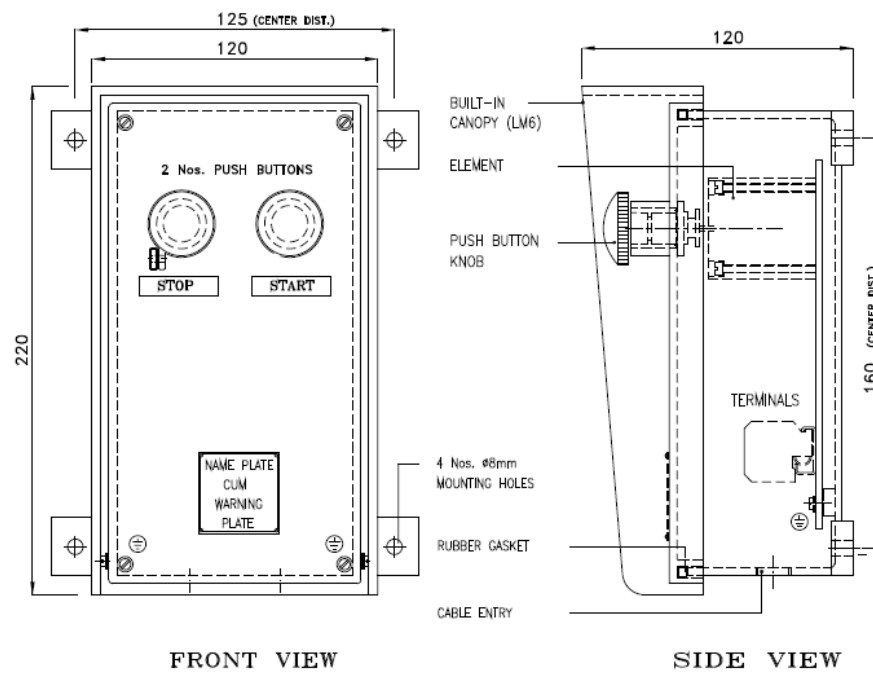


OPTIONS

SR. NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL / CRCA / MS.
2.	GLAND & PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
4.	ELEMENT	1 NO / 1 NC OR AS PER CUSTOMER REQUIREMENT
5.	CANOPY	M.S POWDER COATED / FRP /GI

SELECTION CHART

SR.NO	COMBINATION
1.	ON/OFF PBS WITH AMMETER
2.	ON/OFF PBS WITH SELECTOR SWITCH
3.	ON/OFF PBS WITH AMMETER AND SELECTOR SWITCH
4.	2 PUSH BUTTON AND 2 INDICATION LAMP
5.	3 PUSH BUTTON AND 3 INDICATION LAMP



NOTE:- PERMUTATION & COMBINATION OR COMPONENTS / ENTRIES AS PER CUSTOMER REQUIREMENT



DATA SHEET FOR WEATHER PROOF JUNCTION BOX

TECHNICAL DATA:

PRODUCT	: CAT. NO.- RCP/206
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
CERTIFICATION	: CIMFR
TEMPERATURE CLASS	: T 6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
ENTRIES	: AS PER CUSTOMER REQRMENT
TERMINAL	: COMBINATION AS PER CUSTOMER REQRMENT
VOLTAGE	: 415 V AC



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL / FRP / CRCA / MS.
2.	GLAND/PLUG	BRASS / SS / ALUMINIUM
3.	COLOUR SHADE	631/ 632/ 355/ 7031/ 7032 etc.
4.	CANOPY	G.I / FRP
5.	INTERNAL COMPONENTS	CU / AL. BUSBAR / TERMINALS

SELECTION CHART

SR.NO	INTERNAL SIZE	DEPTH	TERMINAL 2.5 SQ.MM MAX	MODEL / TYPE
1	195 X 215	100 / 150	20	RCP / 206 - A
2	200 X 250	100 / 150	24	RCP / 206 - B
3	260 X 300	100 / 150	30	RCP / 206 - C
4	300 X 300	100 /150/200	40	RCP / 206 - D
5	330 X 360	100 /150/200	48	RCP / 206 - E
6	395 X 300	100 /150/200	58	RCP / 206 - F
7	480 X 290	100 /150/200	60	RCP / 206 - G
8	150 X 300	100 /150	40	RCP / 206 - H
9	150 X 150	100 / 150	15	RCP / 206 - I
10	125 X 125	100 / 150	12	RCP / 206 - J
11	600 X 600	100 / 150 /200	150	RCP / 206 - K
12	450 X 450	100 / 150 /200	100	RCP / 206 - L

