



Turn Key Solutions

Ex 'e' and Industrial
Enclosure for Harsh and
Hazardous Locations



TECHNO GRIP
www.technogrip.co.in



 **TECHNO GRIP**

About Us.

Techno Grip, established in the year 1994, is one of the leading manufacturers of fibre glass reinforced polyester products for industrial applications. The company is renowned for its impeccable quality and timely deliveries. Each product is manufactured with greatest precision after strict quality control checks to achieve high standard perfection and by adopting and adhering to the principle of uniformity in the business protocol. Backed by a dedicated and skilled work force.

Since its foundation we have evolved from developments to a world class products. Transforming complexity into simplicity that is our mission, and that is the driving force behind all our developments.

Out of many products we specialize in Ex 'e' & equivalent to NEMA 4X Electrical Enclosure Used as Junction boxes and LCS in hazardous atmosphere like power plants, petroleum and chemical processing, fertilizer industries, water treatment processing, pharmaceutical processing, and grain processing for safety & to protect vital components.

Small Ex 'e' & equivalent to NEMA 4X Junction boxes and LCS in a wide range of variants:

Enclosures we manufacture are comes with various MOC like FRP/GRP, ALUMINIUM, STAINLESS STEEL, CARBON STEEL in versions with or without gland plate. The wall-mounted enclosures comply with maximum standards for the protection of electrical components in small controller applications. Protection category up to IP 68 as per IS/IEC 60079-0 & IS/IEC 60529-2014.

Techno Grip is dedicated to deliver the broadest range of optimum products of the highest quality and at the most competitive price to its customers. We view our customers as partners, we must satisfy our customer's wishes and help to solve their problems for they are the guarantors of our future & who determine the success of the company. To deliver on that mission, every detail in our offers with Drawing is addressed with the highest level of attention and importance.

We never lose sight of our responsibility to the environment and society.

TJB SERIES (FRP/GRP Enclosures)



The TJB series FRP/GRP junction boxes/LCS with Ex 'e' certification are used for different electrical applications in areas subject to explosion hazards. Fiberglass reinforced polyester terminal boxes are ideal for field terminations in hazardous locations. Because these terminal boxes feature a high-temperature Seamless moulded neoprene gasket and stainless steel 316 screws, they can be used to protect equipment and terminations from corrosive contaminants. The robust enclosures made of glass fibre reinforced polyester resin are equipped with certified components from the reputed manufacturers.

Moulded fiberglass-reinforced material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties, including high-impact resistance

- Fiberglass is easily punched, drilled, filed or sawed
- Seamless moulded neoprene gasket assures watertight and dust-tight seal
- Stainless Steel mounting brackets and stainless steel mounting bolts are provided with each enclosure
- Unique hinge design allows for standard 180 degree door opening with a maximum opening of 270 degrees
- Internal mounting plate is provided for fixing components.

Selection Table TJB Seriese

MODEL NO.	MAX M20 ENTRIES	MAX NUMBER OF 2.5 TERMINALS	MAX TERMINALS CONDUCTOR SIZE	MIN OPERATING TEMP °C	MAX OPERATING TEMP °C	MAX VOLTAGE (V)	AVAILABLE WITH VIEWING WINDOW (OPTIONAL)	STANDARD MATERIAL
TJB125	06	12	10mm ²	-20	60	800	YES	FRP/GRP
TJB2535	40	24	50mm ²	-20	60	800	YES	FRP/GRP
TJB3025	48	30	50mm ²	-20	60	800	YES	FRP/GRP
TJB3030	52	60	50mm ²	-20	60	800	YES	FRP/GRP
TJB4535	74	114	70mm ²	-20	60	800	YES	FRP/GRP
TJB4545	96	166	95mm ²	-20	60	800	YES	FRP/GRP
TJB6045	108	220	95mm ²	-20	60	800	YES	FRP/GRP
TJB7550	120	315	95mm ²	-20	60	800	YES	FRP/GRP

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.



TJB-125

Size : 130 x 130 x 80 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M16 / M20	M25
Top & Bottom Faces A & C Qty	2	1
Side Faces B & D Qty	1	1

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: CIMFR/TC/P/1015
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	12	24
4 MM ²	0.5	4	800	10	32
6 MM ²	0.5	6	800	9	41
10 MM ²	1.5	10	800	6	57

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-2525

Size : 250 x 250 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	10	09	04	04
Side Faces B & D Qty	10	09	04	04

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: CIMFR/TC/P/1014
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	24	24
4 MM ²	0.5	4	800	20	32
6 MM ²	0.5	6	800	18	41
10 MM ²	1.5	10	800	14	57
16 MM ²	1.5	16	800	12	76
25 MM ²	2.5	25	800	12	101
35 MM ²	6	35	800	08	125
50 MM ²	10	50	800	06	150

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-3025

Size : 300 x 250 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	10	09	04	04
Side Faces B & D Qty	13	11	08	04

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: CIMFR/TC/P/1014
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	30	24
4 MM ²	0.5	4	800	27	32
6 MM ²	0.5	6	800	22	41
10 MM ²	1.5	10	800	18	57
16 MM ²	1.5	16	800	15	76
25 MM ²	2.5	25	800	15	101
35 MM ²	6	35	800	10	125
50 MM ²	10	50	800	08	150

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-3030

Size : 300 x 300 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	13	11	08	04
Side Faces B & D Qty	13	11	08	04

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: CIMFR/TC/P/1176
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	60	24
4 MM ²	0.5	4	800	54	32
6 MM ²	0.5	6	800	44	41
10 MM ²	1.5	10	800	36	57
16 MM ²	1.5	16	800	30	76
25 MM ²	2.5	25	800	20	101
35 MM ²	6	35	800	15	125
50 MM ²	10	50	800	08	150

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-4535

Size : 450 x 350 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	24	18	10	08
Side Faces B & D Qty	13	11	08	04

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: KLPL/BTG/19/03-67
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	114	24
4 MM ²	0.5	4	800	102	32
6 MM ²	0.5	6	800	87	41
10 MM ²	1.5	10	800	69	57
16 MM ²	1.5	16	800	57	76
25 MM ²	2.5	25	800	57	101
35 MM ²	6	35	800	39	125
50 MM ²	10	50	800	22	150
70 MM ²	10	70	800	16	195

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-4545

Size : 450 x 450 x 125 / 175 mm



Maxmium Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	24	18	10	08
Side Daces B & D Qty	24	18	10	08

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: KLPL/BTG/16/11-71
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	165	24
4 MM ²	0.5	4	800	150	32
6 MM ²	0.5	6	800	126	41
10 MM ²	1.5	10	800	99	57
16 MM ²	1.5	16	800	81	76
25 mm ²	2.5	25	800	54	101
35 MM ²	6	35	800	38	125
50 MM ²	10	50	800	32	150
70 MM ²	10	70	800	24	192
95 MM ²	10	95	800	16	250

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-6045

Size : 600 x 450 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	30	21	15	12
Side Faces B & D Qty	24	18	10	08

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: KLPL/BTG/19/03-68
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	220	24
4 MM ²	0.5	4	800	200	32
6 MM ²	0.5	6	800	168	41
10 MM ²	1.5	10	800	132	57
16 MM ²	1.5	16	800	108	76
25 mm ²	2.5	25	800	81	101
35 MM ²	6	35	800	57	125
50 MM ²	10	50	800	48	150
70 MM ²	10	70	800	36	192
95 MM ²	10	95	800	24	250

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJB-7550

Size : 750 x 500 x 125 / 175 mm



Maxmium Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	34	28	20	16
Side Daces B & D Qty	26	24	16	12

Optional : Earth Continuity Plate.

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's: KLPL/BTG/19/03-69
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to + 80°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	315	24
4 MM ²	0.5	4	800	285	32
6 MM ²	0.5	6	800	240	41
10 MM ²	1.5	10	800	190	57
16 MM ²	1.5	16	800	155	76
25 mm ²	2.5	25	800	124	101
35 MM ²	6	35	800	88	125
50 MM ²	10	50	800	72	150
70 MM ²	10	70	800	56	192
95 MM ²	10	95	800	30	250

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.



TJS & TJM SERIES

(Carbon Steel & Stainless Still Enclosures)

These enclosures are produced Robust Steel Construction in 1.2/1.6 & 02MM thick material and feature a cover fitted with a respective steel hinge. The standard version with Extensive Range of Enclosure Sizes are supplied with removable bottom gland plates and a padlock facility as standard. Gland plates on the sides & top are available as an optional extra. Internal and external earth studs are provided. Rigid Slotted External Mounting Feet allows enclosure to be hung onto the structure & Wall. High-temperature Seamless moulded neoprene gasket Provides Ingress Protection to IP66. Durable with excellent UV stability and chemical resistance. Unique hinge design allows for standard 130 degree door opening.

You may select enclosures with any of the following features:

- Carbon Steel or Stainless Steel
- Hot Dipped Galvanised, Painted, Zinc Sprayed and Epoxy powder coated/ Painted, Chemically polished/ Electro-polished Surface Finish (Stainless Steel Only)
- Our standard off the shelf version is Mild Steel epoxy powder coated or Stainless Steel (Chemically Polished) with mounting plate.
- Terminal Rails with terminal blocks of the desired ratings.
- Fitted Terminals wired with the required components (LCS)
- Identification Labels

Selection Table: TJS/TJM

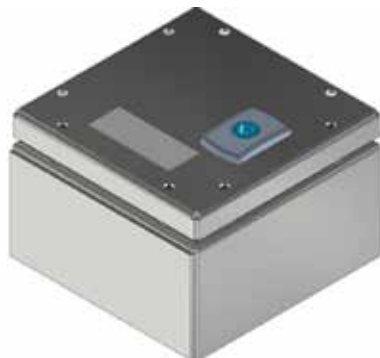
MODEL NO.	MAX M20 ENTRIES	MAX NUMBER OF 2.5 TERMINALS	MAX TERMINALS CONDUCTOR SIZE	MIN OPERATING TEMP °C	MAX OPERATING TEMP °C	MAX VOLTAGE (V)	AVAILABLE WITH VIEWING WINDOW (OPTIONAL)	STANDARD MATERIAL
TJM-S 1515	12	12	10mm ²	-20	60	800	YES	MS/SS
TJM-S 2015	14	21	16mm ²	-20	60	800	YES	MS/SS
TJM-S 2020	48	21	16mm ²	-20	60	800	YES	MS/SS
TJM-S 2025	60	42	50mm ²	-20	60	800	YES	MS/SS
TJM-S 2525	72	60	50mm ²	-20	60	800	YES	MS/SS
TJM-S3030	84	76	70mm ²	-20	60	800	YES	MS/SS
TJM-S 2535	84	90	70mm ²	-20	60	800	YES	MS/SS
TJM-S3040	96	114	95mm ²	-20	60	800	YES	MS/SS
TJM-S 4040	108	165	95mm ²	-20	60	800	YES	MS/SS

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.



TJS/TJM-1515

Size : 150 x 150 x 80 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M16 / M20	M25
Top & Bottom Faces A & C Qty	3	2
Side Faces B & D Qty	3	2

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

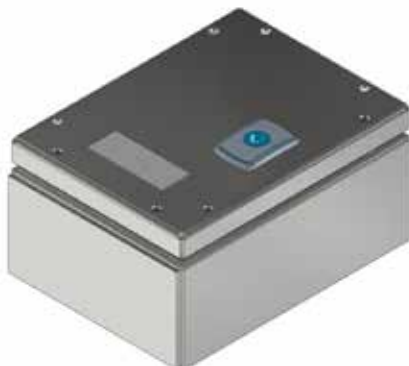
Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM ²)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	12	24
4 MM ²	0.5	4	800	10	32
6 MM ²	0.5	6	800	9	41
10 MM ²	1.5	10	800	6	57

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-1520

Size : 200 x 150 x 100 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	3	2	2	-
Side Faces B & D Qty	4	3	3	2

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

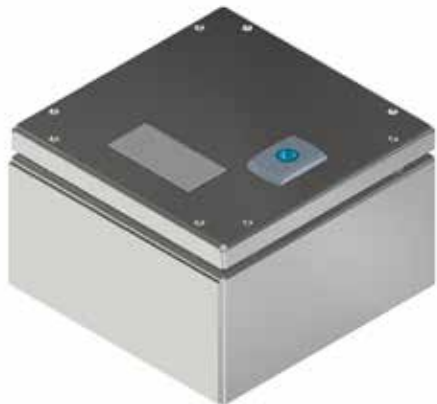
Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	21	24
4 MM ²	0.5	4	800	18	32
6 MM ²	0.5	6	800	15	41
10 MM ²	1.5	10	800	12	57
16 MM ²	1.5	16	800	10	76

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-2020

Size : 200 x 200 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	12	8	06	02
Side Faces B & D Qty	12	8	06	02

Technical Data:

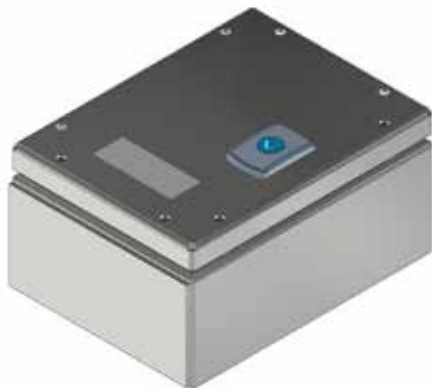
- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	21	24
4 MM ²	0.5	4	800	18	32
6 MM ²	0.5	6	800	15	41
10 MM ²	1.5	10	800	12	57
16 MM ²	1.5	16	800	10	76

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-2025 Size : 250 x 200 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	12	08	06	02
Side Faces B & D Qty	18	11	08	03

Technical Data:

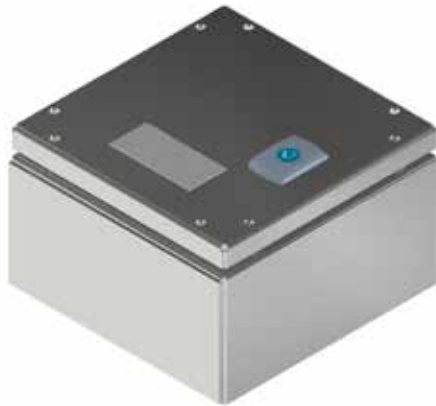
- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM ²)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	42	24
4 MM ²	0.5	4	800	36	32
6 MM ²	0.5	6	800	30	41
10 MM ²	1.5	10	800	24	57
16 MM ²	1.5	16	800	20	76
25 MM ²	2.5	25	800	20	101
35 MM ²	6	35	800	14	125
50 MM ²	10	50	800	6	150

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-2525 Size : 250 x 250 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	18	11	08	03
Side Faces B & D Qty	18	11	08	03

Technical Data:

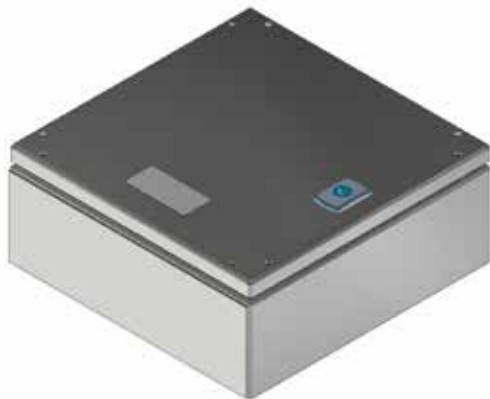
- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM ²)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	60	24
4 MM ²	0.5	4	800	54	32
6 MM ²	0.5	6	800	44	41
10 MM ²	1.5	10	800	36	57
16 MM ²	1.5	16	800	30	76
25 MM ²	2.5	25	800	30	101
35 MM ²	6	35	800	20	125
50 MM ²	10	50	800	8	150

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-3030 Size : 300 x 300 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	21	17	11	05
Side Faces B & D Qty	21	17	11	05

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

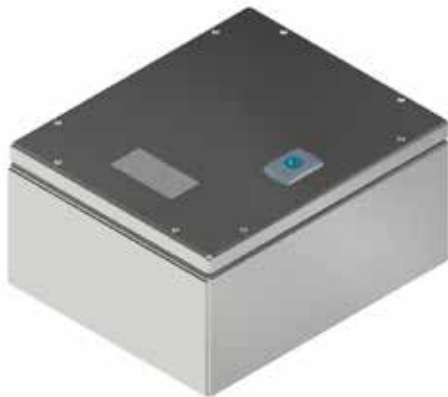
Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM ²)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	76	24
4 MM ²	0.5	4	800	68	32
6 MM ²	0.5	6	800	58	41
10 MM ²	1.5	10	800	46	57
16 MM ²	1.5	16	800	38	76
25 MM ²	2.5	25	800	38	101
35 MM ²	6	35	800	26	125
50 MM ²	10	50	800	22	150
70 MM ²	10	70	800	16	192

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-2535

Size : 350 x 250 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	18	11	08	03
Side Faces B & D Qty	24	20	12	07

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM ²)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	90	24
4 MM ²	0.5	4	800	81	32
6 MM ²	0.5	6	800	68	41
10 MM ²	1.5	10	800	54	57
16 MM ²	1.5	16	800	45	76
25 MM ²	2.5	25	800	45	101
35 MM ²	6	35	800	20	125
50 MM ²	10	50	800	16	150
70 MM ²	10	70	800	12	192

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-3040 Size : 400 x 300 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	21	17	11	05
Side Faces B & D Qty	27	23	14	09

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	114	24
4 MM ²	0.5	4	800	102	32
6 MM ²	0.5	6	800	84	41
10 MM ²	1.5	10	800	66	57
16 MM ²	1.5	16	800	54	76
25 MM ²	2.5	25	1000	54	101
35 MM ²	6	35	1000	38	125
50 MM ²	10	50	1000	22	150
70 MM ²	10	70	800	16	192
95 MM ²	10	95	800	10	250

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.

TJS/TJM-4040

Size : 400 x 400 x 125 / 175 mm



Maximum Quantity of Entries per face.

THREAD SIZE	M20	M25	M32	M40
Top & Bottom Faces A & C Qty	27	23	14	09
Side Faces B & D Qty	27	23	14	09

Technical Data:

- Increased Safety Ex 'e' Gas Group IIC
- Certificate No's:
- PESO Certificate No's:
- ATEX Certificate No's:
- Suitable for use in Zone 2, Zone 21 and Zone 22.
- Constructions and Test Standards: IS/IEC 60079-0, IS/IEC 60079-7, IS/IEC 60079-31.
- Ingress Protection: IP66 AS PER IS/IEC 60529.
- Operating Temperature Range: -20°C to +60°C.
- Temperature Class and Ambient: T5 40°C, optional T4 with ambient up to 60°C.
- Assembly Instruction Sheet:

Terminal Capacity

TERMINAL TYPE	CONDUCTOR SIZE (MM2)		MAX.VOLTS	REDUCED TERMINAL CONTENT AT MAX TERMINAL AMPS.	
	MIN.	MAX		TERMINAL QTY.	AMPS
2.5 MM ²	0.5	2.5	800	165	24
4 MM ²	0.5	4	800	150	32
6 MM ²	0.5	6	800	126	41
10 MM ²	1.5	10	800	99	57
16 MM ²	1.5	16	800	81	76
25 MM ²	2.5	25	800	81	101
35 MM ²	6	35	800	57	125
50 MM ²	10	50	800	32	150
70 MM ²	10	70	800	24	192
95 MM ²	10	95	800	16	250

Terminal/Entry Qty shown in above table is maximum, can be supplied as required by the customer.



Well Glass



LCS Canopy



Motor Canopy



Transmitter Encloser

Our Clients



YOKOGAWA 







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MANUFACTURER OF ELECTRICAL EQUIPMENTS FOR HARSH & HAZARDOUS LOCATIONS