

Ex eb box dimensions

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Polyester distribution boxes have been of great advantage in many industrial plants. They offer safe protection even when they are exposed to extreme environmental conditions, aggressive chemical media or high mechanical stress. The narrow sides within the enclosure hold threaded bushings for the fixing of terminal rails or mounting panels.

Different housing dimensions with various depths enable practically any customer individual terminal box or junction box. Many attributes simplify installation and handling such as dedicated pry points for opening, a foamed gasket for IP66, and special protection for the sealing edge.

Pepperl+Fuchs offers several ranges of Ex e, Ex i, and Ex op certified terminal and junction boxes in various enclosure materials and sizes ...

Use our selection tool and quickly find the right product for your application.

Pepperl+Fuchs offers a large selection of terminal boxes and junction boxes for installation of signal and power distribution networks in explosion hazardous areas. They are certified according to the latest ATEX and other international standards. Types of explosion protection include Ex e, Ex ia, Ex tb, Ex tD, and Ex op pr.

Select from many enclosure sizes and material options such as glass fiber reinforced polyester (GRP), electro-polished stainless steel or aluminum. Our terminal and junction boxes guarantee for reliable operation even in very harsh environments or in locations with increased hygienic requirements. High-quality materials are robust, durable, and resistant against high temperatures. A large selection of terminal and cable gland types and accessories enable any build according to user specification with optimal fit to any application requirements. Terminal boxes and junction boxes come with suitable ingress protection and wide ambient temperature ranges. Their distinctive construction features facilitate easy installation and maintenance.

Different housing dimensions with various depths enable practically any customer individual terminal box or junction box. Many attributes simplify installation and handling such as dedicated pry points for opening, a foamed gasket for IP66, and special protection for the sealing edge. With an expanded operating temperature range down to -60°C , the GR enclosure series can serve as a cost-effective choice for many installations that would otherwise require stainless steel enclosures.

Designed for use in hazardous areas and harsh environments, the terminal boxes and junction boxes from the SR enclosure series in stainless steel create a new benchmark in flexibility. Their modular design allows the integration of any accessories, such as flange plates, hinges, mounting brackets or lid security, according to customer requirements. They are suitable for wall mounting and can be screwed in directly using 90° ; rotatable mounting brackets or rivet nuts without further adjustment.

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The EA/DA series terminal and junction boxes are based on different sizes of Ex e and Ex td certified enclosures manufactured from marine-grade aluminum with increased corrosion resistance.

The GR.TFO splice boxes in glass fiber reinforced polyester enable safe protection of fiber optic cable splices in hazardous areas.

The SR.TFO.* series is a range of fiber optic splice boxes designed for protection of optical fiber cable splices in hazardous areas. Up to 8 splice trays are installed inside the sturdy stainless steel enclosure.

The new SR enclosure series made of stainless steel impresses with its modular concept: Discover the range of enclosures that perfectly solves every application--at every level ...

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