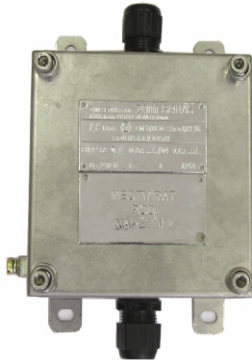




SSEi 10, 30, 60, 280 – Secured Terminal Block Cabinets



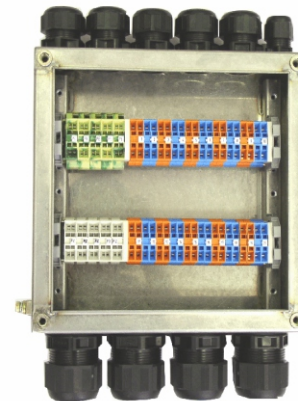
Certificate: ATEX



SSEi 10



SSEi 30



SSEi 60

Use:

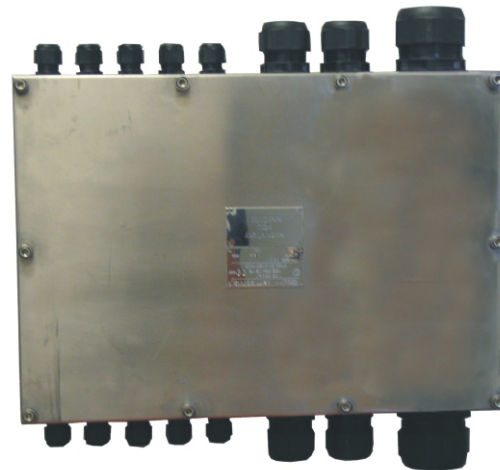
Terminal block non-explosive secured cabinets of SSEi type serve as connecting boxes for continuous connecting and branching of multicore LV and HV cables. It is intended for installation in areas with an explosion hazard. The structure of the device is secured. They can also be used for cables which form part of intrinsically safe circuits. It is intended for installation in mines and outside mines to places with methane occurrence.

Description:

Terminal block cabinets are manufactured by bending and welding stainless plates with the thickness of 1.5mm. An 18mm edge with an offset is formed on the perimeter on the upper side.

The cabinet cover is reinforced in the perimeter by a bent edge. Protective rings for screw heads are situated in the corners of the cover. The cover is sealed by tightening all M6x20 Allen screws with a cylindrical head. Sealing rubber is stuck on the inner side of the cover. Four suspension eyes are welded on the back side of the cabinet. Two anchoring moulds with threads for fixing 35mm DIN rail with clamps are vertically prepared on the bottom inside the cabinet. Terminals are only supplied in light grey, blue and yellow-green.

On the walls of the cabinet there are plastic M20-M63 bushings or metal M25x1.5STNe bushings with a bracket. The number of bushings and their distribution must be specified in the order. The cabinet has an outer grounding M6 terminal with a packing piece and inner grounding terminal. Cabinets are manufactured in several versions: SSEi 10 type for up to 10 terminals, SSEi 30 type for up to 30 terminals, SSEi 60 type for up to 60 connecting terminals and SSEi 280 type for up to 280 terminals. The above-mentioned numbers are maximums for the given cabinet type and the real quantity and colours must be specified in the order.



SSEi 280

Technical Parameters:

Model	I M2 Ex e I, II2G Ex e IIB T6
Supply voltage	Maximum of 230 V AC/DC
Supply current	According to the type, see User Manual
Connecting conductor cross-section	0.5 – 2.5 mm ²
Ambient temperature	0°C - +40°C
Relative humidity	Maximum of 95%
Protection	IP 54
Dimensions of SSEi 10	130 x 130 x 81 mm without bushings
Dimensions of SSEi 30	235 x 130 x 81 mm without bushings
Dimensions of SSEi 60	235 x 220 x 81 mm without bushings
Dimensions of SSEi 280	470 x 330 x 115 mm without bushings
Weight	1.2 kg, 1.9 kg, 2.6 kg

The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.