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STN – Telecommunication Cabinet for 420 Terminals – 275 V/120 mA /AC/DC

Certificate: ATEX

Technical Parameters:

Model	IM2 Exe I, 2GII Exe IIT4
Working position	Vertical
Technical service life	10 – 15 years
Protective conductor	ϕ10mm^2
Protective terminal	inner M8 with a clamp packing piece outer M8 with a clamp packing piece
Bushing	for cable of o 14 – 50 mm with armoured plate
Ambient temperature	-20°C - +80°C
Protection	IP 54
Weight	100 kg

Use:
A STN type non-explosive cabinet serves for common connecting of telecommunication and control cables and their branching. It is intended for installation in areas with a methane explosion hazard, in mines and outside mines to places with methane occurrence.

Description:
To connect and branch cables a metal structure is placed to a STN cabinet on which there are DIN rails fixed in four lines with the total number of 420 terminals. Twenty terminals of 420 are intended for connecting protective grounding conductors, the other terminals are intended for connecting power conductors.

On the cabinet sides and the top there are covers, on which certain number of bushings of various sizes can be placed. It is possible to place bushings for leading-in a multicore cable either with plastic insulation or armoured cables on the lower part of the cabinet.

Cabinets of this type can be connected via side walls by means of a crossover part. The size of bushings and their distribution must be specified in the order. Bushings are fitted with a clamp to ensure firm clamping of the cable, which is strongly attached for armoured cables. Solid or stranded conductors with a hollow end can be connected to terminals.

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