

# SUMMIT TELECOM

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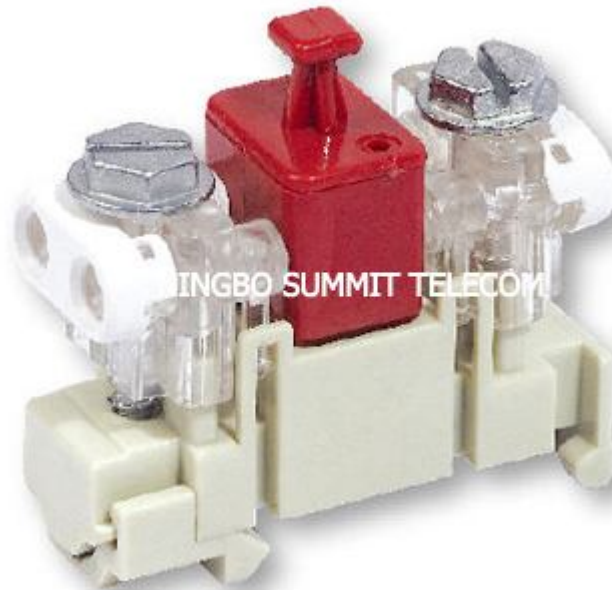
## STB Module

Item Code: ST VX-MD

1 Pair Terminal Block VX MD 5 point Connection Module STB Module



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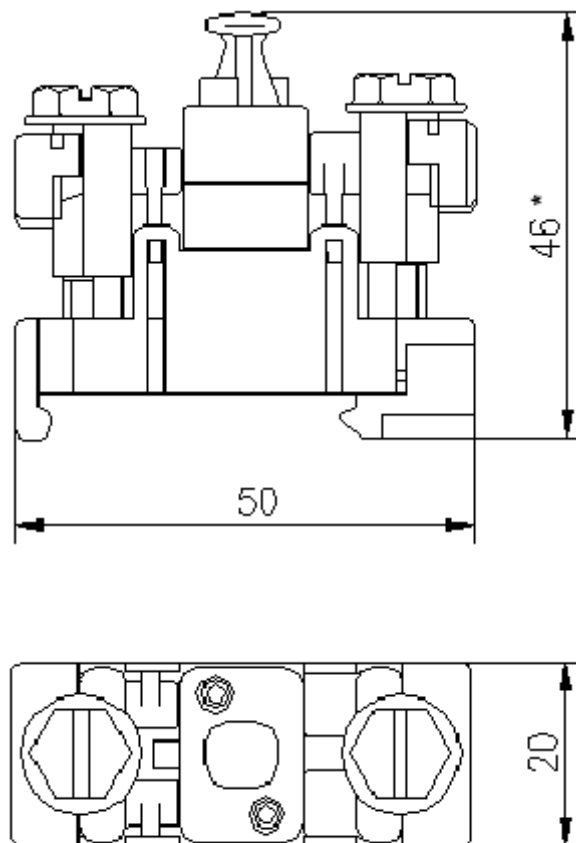
Summit Telecom is China leading manufacturer provides 1 Pair Terminal Block,VX MD 5 point Connection Module,STB Module,etc. in outside plant.

**Description:**

- The connection modules are designed for mounting on a standard DIN rail and can therefore be mounted in a variety of housings in whatever quantities are required. The small footprint (2 cm wide) ensures a compact product.
- The VX-connection module provides a connection point between an exchange-side cable pair and a distribution pair.
- It incorporates a 5-point plug in module to provide continuity and a range of other options. Removal of the plug-in module does not disturb wire connections but makes contacts to them available for testing to both sides of the network.
- It is especially recommended for
  - a) Outdoor connections where the environmental conditions are extremely aggressive
  - b) Terminations where user development characteristics require future flexibility in terms of the type of protection or filtering capabilities.

#### Technical Specifications:

##### Sizes



The maximum values are shown

**Technical characteristics:**

Characteristics of the contact connection  
Connector of the distributive wire

Range of the section:	diameter 0,4... 1,2 mm
Diameter on the isolation:	it is maximal 5 mm
The current-response characteristics:	20 A (10 A on each conductor) during not less than 10 min, without the deformation of the module
Insulation resistance	
“Dry” atmosphere:	$> 10^{12}$ Ohm
“Moist” atmosphere (standard ASTM Of d618, procedure F):	$> 10^{12}$ [Om]
Salt fog: (standard ASTM Of b117)	$> 10^{10}$ Ohm
Immersion beside the water: (15 days before 3% solution Of naCl)	$> 10^{10}$ 0[m]
The contact resistance	
R of material + R of the contact cross connection + by R of the contact connection of the wires	$< 10$ m
Increase in the contact resistance	
After climatic testings:	$< 2,5$ m
After 50 connections - turning offs:	$< 2,5$ m
Dielectric strength:	$> 3$ kV of direct current during 1 minute

**Mechanical characteristics:**

Pair/drop wire housing screw	Special passivated direct lacquered Zamac alloy
Drop wire housing body	Transparent polycarbonate
Body	V-0 glass-filter reinforced polycarbonate
Insertion contacts	Tinned phosphor bronze
Ground contacts	Cu-Zn-Ni-Ag alloy
Continuity contacts	Tinned hard brass
Lower sealant	Epoxy resin
Upper cable sealant	Silicone fluid /Hot Melt Adhesive
Pair/drop wire bearing cover	Polycarbonate
Plug-in module body	V-0 glass-fiber reinforced polycarbonate
Plug-in module sealant	Gel/Hot Melt Adhesive

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"O"-ring	EPDM
Spring	Stainless steel
Cable/drop wire membrane	Thermoplastic rubber

**Order Information:**

Terminal Connection Module Without Protection—ST VX-MD01

Terminal Connection Module With Overvoltage Protection—ST VX-MD02

Terminal Connection Module With Overvoltage And Overcurrent Protection—ST VX-MD02