

order number: J80023A0001

STX Mounting Rail Outlet incl. RJ45 jack B Cat.6<sub>A</sub>



Technical Attributes	
Short name	STX Mounting Rail Outlets
Type	incl. RJ45 jack B Cat.6 <sub>A</sub> T568B
Remarks	tool-free connectivity, suitable for RJ45/11/12 plugs, mounting rail TH35
Colour	light grey

## Product description

The STX Mounting Rail Outlets utilizing STEADYTEC® technology are available in a wide variety of applications (RJ45, USB coupler, fiber optic adaptors). The use of freely selectable modules which can be easily inserted into the housings provides a high level of flexibility in both component selection as well as in areas of application. The Variants designed for fully-screened RJ45 jacks Cat.6<sub>A</sub> and RJ45 Couplers Cat.6 Class E<sub>A</sub> are equipped with a functional earth which can be switched on/off during operation. This simplifies fault analyses in the grounding concept while also separating the potentials between the network and the control cabinet.

For generic cabling in control cabinets, Telegärtner offers outlets and distributors which can be mounted directly next to one another on the mounting rail. They form the ideal connection between the arriving installation lines and the wiring inside the control cabinet. The components can be quickly and easily mounted on conventional TH 35 rails by simply clicking them in place.

Mechanical Characteristics	
Insertion force	≤ 30 N
Life (mating cycles RJ45, RJ12, RJ11)	≥ 750
Material: housing / mounting rail	PA UL94 V0 grey
Material: earth contact spring	Spring steel 5-8 µm Sn on 3 µm Cu
Material: jack housing	zinc diecast
Material: housing finish	CuSnZn
Material: shield	German silver
Material: contact spring	spring steel
Material: contact spring finish	min. 0,8 µm Au on 1,2 µm Ni
Material: contact IDC termination	CuNi2Si
Material: IDC termination finish	min. 3-6 µm Sn
Material: cable ties	PA ZK94 V2
Cu-Conductor diameter: stranded	0.46-0.76 mm AWG 27/7 - AWG 22/7
Cu-Conductor diameter: solid	0.41-0.64 mm AWG 26/1 - AWG 22/1
Core Diameter	0.9-1.6 mm
Reusable IDC for AWG 22/1	≤4 cycles
Reusable IDC for AWG 22/7	≤4 cycles
Reusable IDC für AWG 23/1 - AWG 26/1	≤10 cycles
Reusable IDC for AWG 24/7 - AWG 26/7	≤10 cycles

Electrical Characteristics	
Current carrying capacity at 50°C	1 A
PoE+ acc to IEEE 802.3at	fulfilled

Standards	
Generic cabling systems	ISO/IEC 11801; EN 50173-1:2007; ISO/IEC 24702; IEC 61918
Custom-designed cabling systems	PROFINET Installation Guideline
Connectors	IEC 60603-7-51
Mounting rail TH35	DIN 60715
Specification for low-voltage switchgear and controlgear	DIN EN 60947-1; DIN EN 60947-7-1
Degrees of protection provided by enclosures (IP code)	IEC 60529

Transmission Characteristics	
10 Gigabit Ethernet acc. to IEEE 802.3an	fulfilled
Category 6 <sub>A</sub>	ISO/IEC 11801, DIN EN 50173-1
Class E <sub>A</sub> (Permanent Link)	ISO/IEC 11801, DIN EN 50173-1