



Data Sheet	60795
SnapIn rail mount adapter incl. Cat.6 module	Valid from: 05.11.2012

Description

DIN rail adapter (TH35 acc. to DIN EN 60715) with a field mountable Industrial Ethernet female connector for 1 Gigabit data transmission with color coding according to T568A/B suitable for industrial applications, for structured cabling for office building applications, data centers and home networks.

Mechanical characteristics female connector

Mating cycles	≥ 750
Housing material	zinc die-cast, nickel-plated

General characteristics female connector

Standards	RJ45 female connector acc. to IEC 60603-7-5
Solid wire diameter	AWG24/1 – AWG22/1
Temperature range	0°C up to +70°C

Electrical characteristics female connector

Contact resistance	≤ 20 mΩ
Isolation resistance	≥ 500 MΩ
Dielectric strength	
• Contact-contact	≥ 1000 V, DC
Input to output DC resistance	Max. 200 mΩ
PoE+ acc. to IEEE 802.3at	Adequate for Power over Ethernet+

Cabling standards

Generic cable systems	ANSI/TIA/EIA-568-C.2 ISO/IEC 11801 DIN EN 50173-1
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Transmission characteristics female connector

1 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 1 Gigabit Ethernet
Category 6	ISO/IEC 11801; DIN EN 50173-1
Class E	ISO/IEC 11801; DIN EN 50173-1
Category 6	ANSI/EIA-568-C.2
Maximal operating frequency	250 MHz
Characteristic impedance	100 Ohm

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General characteristics mounting rail adapter

Mounting rail standard	TH35 / DIN EN 60715
Material housing and cover	ABS grey
Cable entry	From the top
Screen	Yes

Dimensional characteristics

Length cable end on inner side	80.0 mm
Number of cables	1
Height	77.8 mm
Width	18 mm
Depth	65 mm
Wall thickness	1.6 mm
Number of screws	0

Mechanical characteristics female connector

Mechanical resistance to impacts	low
Water proof	No

General requirements

RoHS Standard: Products are conform acc. To RoHS- Standard (2002/95/EG)