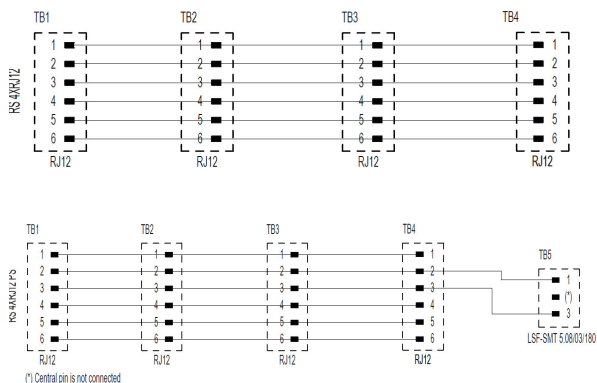


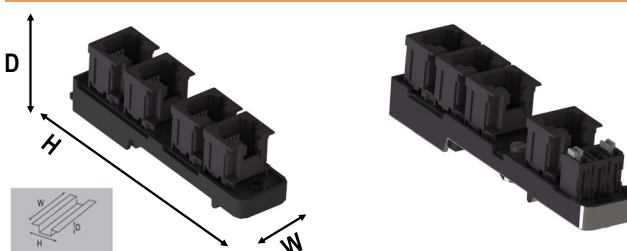
Schematic



Assembly

RS 4XRJ12

RS 4XRJ12 PS



Data bus modules used in power distribution: gateways devices, counters... oriented to vertical wire connecting applications.
 Passive LMN Distribution Module: 4 x Input /output Connector RJ12
 Active LMN Distribution Module: 4 x Input /output Connector RJ12 and 1 x Power supply Connector LSF-SMT.
 - In LSF-SMT connector the middle pin is not assembled.

Ordering data

Type	Order No.
Passive LMN Distribution Module: RS 4XRJ12	8000112157
Active LMN Distribution Module: RS 4XRJ12 PS	8000112158

Technical Data

Rated Data

Max. operating voltage	150 Vac
Max. current per channel	1A

Environmental conditions

Operating ambient temperature	-20...+55 °C
Storage ambient temperature	-25...+70 °C
Max. operating humidity	0...85 % (without condensation)

Insulation coordination (EN 60664-1)

Rated insulation voltage	150 Vac
Surge voltage category	II
Pollution security level	2
Impulse test voltage (1,2/50µs)	1,5 kV

General information

RS 4XRJ12 module dimensions (Length x Width x Height)	80,2 mm x 17,90 mm x 21,5 mm (Once mounted in DIN rail.)
RS 4XRJ12 PS module dimensions (Length x Width x Height)	93,7 mm x 17,9 mm x 21,5 mm (Once mounted in DIN rail.)
Mounting method	DIN Rail
IPC-A-610 Class (PCBA)	Class 2 — Dedicated Service Electronic Products
IP module rating	IP20 , when fully mounted
Input/output Connector:	RJ12 180° - Unshielded
Power supply Connector (LSF-SMT):	LSF-SMT 5.08/03/180 1.5SN BK TU SO [no central pin]
Clamping range (min / max)	0,13 mm² - 1,5 mm² with ferrule and plastic collar
Cable stripping length	10 - 12 mm: depending on the selected ferrule and plastic collar

Product remarks (1)



Connectors without breaking capacity:
 Not designed to be engaged and disengaged in normal use when live or under load.

Standard approvals

Insulation coordination for equipment within low-voltage systems	EN 60664-1:2007
Degrees of protection provided by enclosures (IP)	EN 60529:1991
Connectors - Safety requirements and tests	EN 61984:2008
Restriction of the use of certain hazardous substances (RoHS)	EN 63000:2018
RoHS 2011/65/EU - CE Certification	

Accessories:

Data bus end of line resistor: 120Ω



Order No.

2976660000

Notes:

- 1) If the equipment is used outside the specified application or ranges, the characteristics of the product may be limited.
- 2) The safety of any system incorporating the equipment is in the responsibility of the assembler of the system.
- 3) At the end of the product service life make sure to fulfil all the relevant disposal regulations applicable for the installation location.