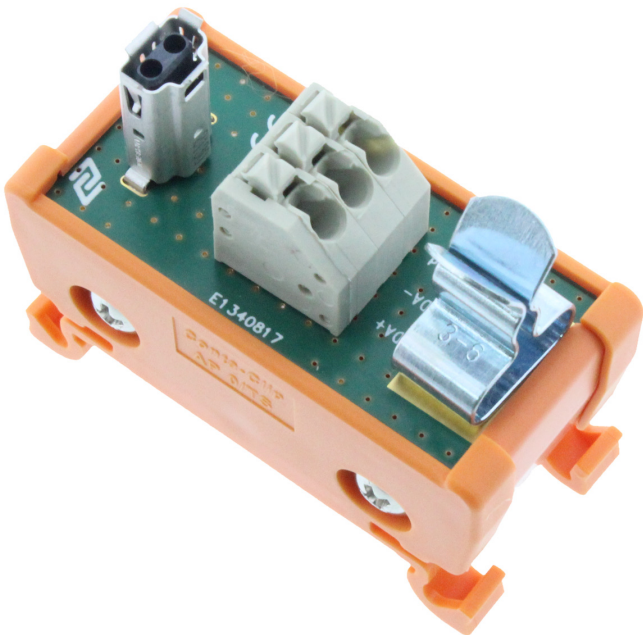


Data sheet

16502.2 SPE-SH



Interface module for SPE (single pair ethernet), shielded, push-in connection and SPE connector, mounting type: TS 35, number of poles: 2

Business data

Article number	16502.2
Article name	SPE-SH
GTIN (EAN)	4044211236212
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	17 g
Weight per piece (including packaging)	23 g
Unit of weight	G
Customs number	85369010
Country of origin	NL
Product description	Interface module

Data sheet

16502.2 SPE-SH

Technical data

Dimensions

Length	47 mm
Width	22 mm
Height TS 35/7.5	63 mm

Ratings

Overvoltage category	III
Contamination degree	2

Connection data

Connection principle	Push-in connection
Number of connections	1
No. of poles	3
Wire cross-section single core (rigid), min.	0.08 mm ²
Wire cross-section single-core (rigid), max.	1.5 mm ²
Wire cross-section stranded, min.	0.14 mm ²
Wire cross-section stranded, max.	1 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.14 mm ²
Wire cross-section stranded with wire-end ferrules, max.	0.5 mm ²
Stripping length	9 mm

Input data

Max. operating voltage AC/DC	60 V
Current load per channel, max.	4 A
Cable impedance	100 Ohm
Contact resistance	20 mOhm
Max. Cable diameter	6 mm
Min. cable diameter	3 mm
Transmission length max.	100 m
Transmission speed max.	100 Mbps

Materials

Contact material	CuAl with gold plating 0.76 µm
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	85 °C

Data sheet

16502.2 SPE-SH



Technical data

Further technical data

Mounting type	TS 35
Connector type	SPE (single pair ethernet)
Plug-in cycles acc. to standard	1000
Test voltage	0.75 kV
Shielded	✓

Environmental Product Compliance

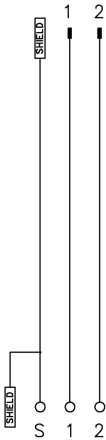
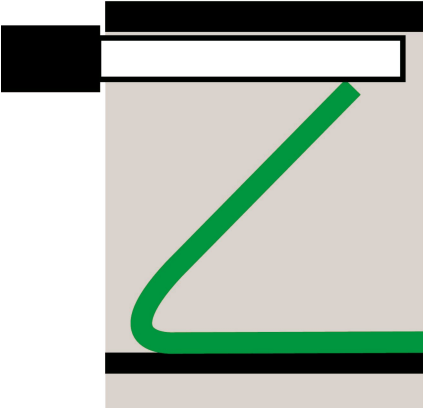
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

Standards / specifications	DIN VDE 0110 / EN 62477-1
Cabling Standard	ISO/IEC 11801

Media



Accessories
