PT 1,5/S-TWIN/1P - Feed-through terminal block

3212358

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, number of positions: 1, connection method: Push-in / plug connection, 1 level, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable wiring in a confined space
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- Tested for railway applications

Commercial data

Item number	3212358
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2
Product key	BE2241
Catalog page	Page 277 (C-1-2019)
GTIN	4046356565301
Weight per piece (including packing)	3.98 g
Weight per piece (excluding packing)	3.663 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Notes

General	The max. load current must not be exceeded by the total current of all connected conductors. Current and voltage are determined by the plug used.

Product properties

Product type	Plug-in terminal block
Product family	PT
Area of application	Railway industry
	Machine building
	Plant engineering
Number of positions	1
Number of connections	3
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Number of connections per level	3
Nominal cross section	1.5 mm²

1 level

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.14 mm² ... 1.5 mm²
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² ... 1 mm² Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended
Nominal current	17.5 A (observe derating)
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal voltage	500 V
Nominal cross section	1.5 mm²

1 level Connection cross sections directly pluggable

Conductor cross section rigid	0.25 mm² ... 1.5 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² ... 1 mm²

Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height	55 mm
Depth on NS 35/7,5	32 mm
Depth on NS 35/15	39.5 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Electrical tests

Surge voltage test

Test voltage setpoint	7.3 kV
Result	Test passed
Short-time withstand current 1.5 mm²	0.18 kA
Result	Test passed

Mechanical properties

Mechanical data

Open side panel	Yes

Mechanical tests

Attachment on the carrier