

PT 4-TWIN - Feed-through terminal block



3211771

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- 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	3211771
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE2
Product Key	BE2212
Catalog Page	Page 99 (C-1-2019)
GTIN	4046356482639
Weight per Piece (including packing)	10.84 g
Weight per Piece (excluding packing)	10 g
Customs tariff number	85369010
Country of origin	IN

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Technical Data

Product properties

Product type	Multi-conductor terminal block
Area of application	Railway industry
Number of connections	3
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	3
Nominal cross section	4 mm ²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	32 A
Maximum load current	36 A (with 6 mm ² conductor cross section, rigid)
Nominal voltage	800 V
Nominal cross section	4 mm ²

Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm ² ... 6 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 4 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 G Ex eb IIC Gb
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Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3208977 D-PT 4-TWIN
	3030789 ATP-ST-TWIN
	1204517 SZF 1-0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-6 / 3030336
	Plug-in bridge / FBS 3-6 / 3030242
	Plug-in bridge / FBS 4-6 / 3030255
	Plug-in bridge / FBS 5-6 / 3030349
	Plug-in bridge / FBS 10-6 / 3030271
	Plug-in bridge / FBS 20-6 / 3030365
Bridge data	25 A / 4 mm²
Ex temperature increase	40 K (26 A / 4 mm²)
Rated voltage	550 V
for bridging with bridge	550 V
- At bridging between non-adjacent terminal blocks	352 V
- At bridging between non-adjacent terminal blocks via PE terminal block	352 V
- At cut-to-length bridging	220 V
- At cut-to-length bridging with cover	275 V
- At cut-to-length bridging with partition plate	550 V
Rated insulation voltage	500 V
output	(Permanent)

Ex level General

Rated current	26 A (4 mm²)
Maximum load current	30 A (6 mm²)
Contact resistance	0.64 mΩ

Ex connection data General

Nominal cross section	4 mm²
Rated cross section AWG	12
Connection capacity rigid	0.2 mm² ... 6 mm²
Connection capacity AWG	24 ... 10
Connection capacity flexible	0.2 mm² ... 4 mm²
Connection capacity AWG	24 ... 12

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height NS 35/15	44 mm
Height NS 35/7,5	36.5 mm
Height	1.437 "
Length	66.5 mm