Double-level terminal block - PTTB 4 BU - 3211793

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Double-level terminal block, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Connection type: Push-in connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- 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
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	18.800 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	4 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry

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Technical data

General

	Machine building
	Plant engineering
	Process industry
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	28 A (with 4 mm² conductor cross section)
Maximum load current	32 A (with 6 mm² conductor cross section)
Nominal voltage U_N	500 V
Open side panel	Yes
Relative insulation material temperature index (Elec.; UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

Dimensions

Width	6.2 mm
Length	83.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.2 mm²

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Technical data

Connection data

Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4

Standards and Regulations

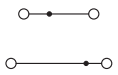
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Approvals

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UL Recognized / cUL Recognized / EAC / CSA / BV / NK / VDE Gutachten mit Fertigungsüberwachung / EAC / DNV GL / PRS / cULus Recognized

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Approvals

Ex Approvals

EAC Ex / ATEX / IECEx

Approval details

UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	28 A	28 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	28 A	28 A	5 A
Nominal voltage UN	300 V	300 V	600 V

EAC EAC-Zulassung

CSA http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ 13631

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

BV http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials 39980/A0 BV

NK http://www.classnk.or.jp/hp/en/ 14ME0913

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Approvals

VDE Gutachten mit Fertigungsüberwachung http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx 40036696

mm²/AWG/kcmil	0.2-4.0
Nominal current IN	28 A
Nominal voltage UN	500 V

EAC 7500651.22.01.00246

DNV GL https://www.dnvgl.com/ TAE000010T

PRS http://www.prs.pl/ TE/2107/880590/16

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm