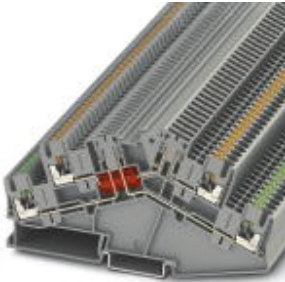


Disconnect terminal block - PTTBS 2,5-MTB/TGB - 3210405

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The figure shows version without disconnect knife

Disconnect terminal block, Double level with angled contour, one disconnect knife, and one disconnect point, Connection method: Push-in connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Nominal current: 16 A, Nominal voltage: 400 V, Length: 127.5 mm, Width: 5.2 mm, Color: gray, Assembly: 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
- ✓ Convenient separation of circuits, thanks to lever-type disconnect knife
- ✓ Clear identification of the disconnect point, thanks to color highlighting

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 055626 003481
GTIN	4055626003481
Weight per Piece (excluding packing)	22.400 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	2
Number of connections	4

Disconnect terminal block - PTTBS 2,5-MTB/TGB - 3210405

Technical data

General

Potentials	2
Nominal cross section	2.5 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W (the value is multiplied when connecting multiple levels)
Maximum load current	16 A (with 4 mm ² conductor cross section)
Nominal current I _N	16 A
Nominal voltage U _N	400 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))	125 °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)	27,5 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	5.2 mm
Length	127.5 mm
Height	63.1 mm
Height NS 35/7,5	64.3 mm
Height NS 35/15	71.8 mm

Disconnect terminal block - PTTBS 2,5-MTB/TGB - 3210405

Technical data

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Stripping length	10 mm
Internal cylindrical gage	A3

Standards and Regulations

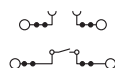
Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Circuit diagram



Approvals

Approvals

Disconnect terminal block - PTTBS 2,5-MTB/TGB - 3210405

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	26-12	26-12	
Nominal current I _N	16 A	16 A	
Nominal voltage U _N	300 V	300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	26-12	26-12	
Nominal current I _N	16 A	16 A	
Nominal voltage U _N	300 V	300 V	

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	C	
mm²/AWG/kcmil	26-12	26-12	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

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