Knife disconnect terminal block - PTT 1,5/S-L/MT BU - 3210342

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Knife disconnect terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Nominal current: 9 A, Nominal voltage: 400 V, Length: 86 mm, Width: 3.5 mm, Color: blue, 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
- 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	50 STK
Minimum order quantity	50 STK
GTIN	4 046356 942010
GTIN	4046356942010
Weight per Piece (excluding packing)	9.520 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	2
Number of connections	4
Potentials	2
Nominal cross section	1.5 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.56 W (the value is multiplied when connecting multiple levels)
Maximum load current	9 A
Nominal current I_N	9 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	3.5 mm
End cover width	0.8 mm
Length	86 mm
Height	41.1 mm
Height NS 35/7,5	42.6 mm
Height NS 35/15	50.1 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14

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Technical data

Connection data

Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

Standards and Regulations

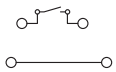
Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Circuit diagram



Approvals

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UL Recognized / cUL Recognized / CSA / LR / DNV GL / 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	26-16	26-16

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Approvals

	B	C
Nominal current IN	10 A	10 A
Nominal voltage UN	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	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

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

	B	C
mm²/AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

LR		http://www.lr.org/en	16/20026

DNV GL	http://exchange.dnv.com/tari/	1481515 HH

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

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