https://www.phoenixcontact.com/cn/products/3208160

Feed-through terminal block - PT 1,5/S-TWIN GN - 3208160

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Feed-through terminal block, Connection method: Push-in connection, Number of connections: 3, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 30.5 mm, Color: green, 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

RoHS

Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	4 055626 327167
GTIN	4055626327167
Sales Key	BE2212

Technical data

General

Number of levels	1
Number of connections	3
Potentials	1
Nominal cross section	1.5 mm²
Color	green
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Machine building
	Plant engineering
Rated surge voltage	6 kV

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Technical data

General

Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.56 W
Maximum load current	17.5 A
Nominal current I_N	17.5 A
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	3.5 mm
End cover width	2.2 mm
Length	54 mm
Height	30.5 mm
Height NS 35/7,5	32 mm
Height NS 35/15	39.5 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
Conductor cross section flexible min.	0.14 mm²

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Technical data

Connection data

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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / GL / BV / ABS / NK / ABS / cULus Recognized

Ex Approvals

ATEX / IECEx

Approval details

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

	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14

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Approvals

	B	C	D
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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

	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 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	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

LR	http://www.lr.org/en	12/20038 (E2)

GL	http://exchange.dnv.com/tari/	2040111 HH

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

ABS	http://www.eagle.org/eagleExternalPortalWEB/	15-GD1355195-PDA

NK	http://www.classnk.or.jp/hp/en/	14ME0912

ABS	http://www.eagle.org/eagleExternalPortalWEB/	16-HG1591536-PDA

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