Feed-through terminal block - PT 2,5-TWIN WH - 3209550

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, connection method: Push-in connection, number of connections: 3, cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, width: 5.2 mm, height: 35.2 mm, color: white, mounting type: NS 35/7,5, NS 35/15

Your advantages

- 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	50 pc
GTIN	4 055626 062877
GTIN	4055626062877

Technical data

General

Number of levels	1
Number of connections	3
Potentials	1
Nominal cross section	2.5 mm²
Color	white
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 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	0.77 W
Designation	Level 1 above 1+2 below 1
Maximum load current	30 A (with 4 mm² conductor cross section)
Nominal current I_N	24 A (at a conductor cross section of 2.5 mm²; it must not be exceeded by the total current.)
Nominal voltage U_N	800 V
Open side panel	Yes

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	60.5 mm
Height	35.2 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection	1 level
Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 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.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12

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Technical data

Connection data

Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
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

Approvals

Approvals

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DNV GL / BV / LR / NK / ABS / IECEE CB Scheme / VDE Zeichengenehmigung / EAC / RS

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / cULus Recognized

Approval details

DNV GL	https://approvalfinder.dnvgl.com/	TAE00003JE
BV	http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	25278/B0 BV
LR	http://www.lr.org/en	10/20040
NK	http://www.classnk.or.jp/hp/en/	14ME0912
ABS	http://www.eagle.org/eagleExternalPortalWEB/	16-HG1591536-PDA

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-61341

Nominal voltage UN	800 V
mm²/AWG/kcmil	0.2-2.5

VDE Zeichengenehmigung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40032222

Nominal voltage UN	800 V
Nominal current IN	24 A
mm²/AWG/kcmil	0.2-2.5

EAC	EAC	RU C-DE.AI30.B.01102

RS	RS	http://www.rs-head.spb.ru/en/index.php	17.00013.272

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com