

Feed-through terminal block - PT 2,5-TWIN OG - 3211210

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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: orange, 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	50 STK
GTIN	 4 046356 450782
GTIN	4046356450782

Technical data

General

Number of levels	1
Number of connections	3
Potentials	1
Nominal cross section	2.5 mm ²
Color	orange
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry

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Technical data

General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W
Maximum load current	30 A (with 4 mm ² conductor cross section)
Nominal current I _N	24 A (at a conductor cross section of 2.5 mm ² ; 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 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 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

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Technical data

Connection data

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3

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

Approvals

Approvals

CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / LR / RS / ABS / IEC EE CB Scheme / EAC / DNV GL / cULus Recognized

Ex Approvals

ATEX / IECEx / EAC Ex

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
mm²/AWG/kcmil	26-12	26-12	
Nominal current I _N	20 A	20 A	
Nominal voltage U _N	600 V	600 V	

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Approvals

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	20 A	20 A	
Nominal voltage U _N	600 V	600 V	

VDE Zeichengenehmigung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40032222
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	800 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	20 A	20 A	
Nominal voltage U _N	600 V	600 V	

LR		http://www.lr.org/en	10/20040
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RS		http://www.rs-head.spb.ru/en/index.php	11.04057.250
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ABS		http://www.eagle.org/eagleExternalPortalWEB/	16-HG1591536-PDA
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IECEE CB Scheme		http://www.iecee.org/	DE1-55660/M2
mm²/AWG/kcmil	0.2-2.5		

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Approvals

Nominal voltage UN	800 V

EAC		EAC-Zulassung
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DNV GL	http://exchange.dnv.com/tari/	TAE00000UD_01
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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