

Feed-through terminal block - PT 2,5-TWIN RD - 3211223

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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: red, 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



Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4046356450799

Technical data

General

Number of levels	1
Number of connections	3
Potentials	1
Nominal cross section	2.5 mm ²
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 kV
Degree of pollution	3

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Technical data

General

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

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Technical data

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 / RS / ABS / IECCEB Scheme / EAC / DNV GL / LR / 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	

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	

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Approvals

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	
mm ² /AWG/kcmil	26-12	26-12	
Nominal current I _N	20 A	20 A	
Nominal voltage U _N	600 V	600 V	

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		
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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LR		http://www.lr.org/en	10/20040
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Approvals

cULus Recognized



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

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