

Feed-through terminal block - PT 6 RD - 3211815

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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, width: 8.2 mm, height: 42.2 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	 4 046356 879859
GTIN	4046356879859

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	6 mm ²
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W

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Technical data

General

Maximum load current	52 A (with 10 mm ² conductor cross section)
Nominal current I _N	41 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Length	57.7 mm
Height	42.2 mm
Height NS 35/7,5	43.5 mm
Height NS 35/15	51 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Stripping length	12 mm
Internal cylindrical gage	A5

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

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Drawings

Circuit diagram



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / VDE Zeichengenehmigung / IECCE CB Scheme / BV / EAC / NK / DNV GL / PRS / ABS / cULus Recognized

Ex Approvals

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

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	C
Nominal voltage UN		600 V	600 V
Nominal current IN		40 A	40 A
mm ² /AWG/kcmil		20-8	20-8

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	C
Nominal voltage UN		600 V	600 V
Nominal current IN		40 A	40 A
mm ² /AWG/kcmil		20-8	20-8

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	C
Nominal voltage UN		600 V	600 V
Nominal current IN		40 A	40 A
mm ² /AWG/kcmil		20-8	20-8

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Approvals

LR		http://www.lr.org/en	12/20038 (E3)
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VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40035239
Nominal voltage UN	1000 V		
Nominal current IN	41 A		
mm ² /AWG/kcmil	0.5-6		

IECEE CB Scheme		http://www.iecee.org/	DE1-57203
Nominal voltage UN	1000 V		
Nominal current IN	41 A		
mm ² /AWG/kcmil	0.5-6		

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	37796/A2 BV
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EAC			EAC-Zulassung
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NK		http://www.classnk.or.jp/hp/en/	14ME0913
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DNV GL		http://exchange.dnv.com/tari/	TAE000010T
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PRS		http://www.prs.pl/	TE/2107/880590/16
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ABS		http://www.eagle.org/eagleExternalPortalWEB/	16-HG1591536-PDA
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Approvals

cULus Recognized



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

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