Feed-through terminal block - UT 4-TWIN RD - 3044365

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Feed-through terminal block, nom. voltage: 500 V, nominal current: 32 A, connection method: Screw connection, number of connections: 3, cross section:0.14 mm² - 6 mm², AWG: 26 - 10, width: 6.2 mm, color: red, mounting type: NS 35/7,5, NS 35/15

Why buy this product

- The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- User-friendly implementation of all potential branching tasks

Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 751339
GTIN	4046356751339

Technical data

General

Number of levels	1
Number of connections	3
Potentials	1
Nominal cross section	4 mm²
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Machine building
	Plant engineering
	Process industry
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

Feed-through terminal block - UT 4-TWIN RD - 3044365

Technical data

General

Maximum power dissipation for nominal condition	1.02 W
Maximum load current	41 A (In the case of a 6 mm² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal current I_N	32 A
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	57.8 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.14 mm²

Feed-through terminal block - UT 4-TWIN RD - 3044365

Technical data

Connection data

Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	4 mm²
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Circuit diagram

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / VDE Zeichengenehmigung / IECEE CB Scheme / EAC / DNV GL / PRS / EAC / cULus Recognized

Ex Approvals

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

Approval details

Feed-through terminal block - UT 4-TWIN RD - 3044365

Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	150 V	150 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	26-10	26-10

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

Nominal voltage UN	150 V
Nominal current IN	30 A
mm²/AWG/kcmil	26-10

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

Nominal voltage UN	150 V
Nominal current IN	30 A
mm²/AWG/kcmil	26-10

LR		http://www.lr.org/en	14/20041

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40040772

Nominal voltage UN	500 V
Nominal current IN	32 A
mm²/AWG/kcmil	0.14-6.0

IECEE CB Scheme		http://www.iecee.org/	DE1-60106

Nominal voltage UN	500 V

Feed-through terminal block - UT 4-TWIN RD - 3044365

Approvals

EAC			EAC-Zulassung
DNV GL		http://exchange.dnv.com/tari/	TAE00001S9
PRS		http://www.prs.pl/	TE/2156/880590/17
EAC			RU C-DE.A*30.B.01742
cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	

Phoenix Contact 2018 © - all rights reserved
http://www.phoenixcontact.com

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