

Feed-through terminal block - UT 16 RD - 3044207

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: 1000 V, nominal current: 76 A, connection method: Screw connection, number of connections: 2, cross section: 1.5 mm² - 25 mm², AWG: 16 - 4, width: 12.2 mm, height: 54.4 mm, color: red, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ✓ The reducing bridges can be used to connect terminal blocks with different connection technologies, e.g., UT 35 screw terminal block with Push-in technology 2,5 Push-in terminal blocks, to form power blocks
- ✓ Easy and time-saving potential supply and distribution of large currents and cross sections up to 35 mm² with reducing bridges
- ✓ The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356892148

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	16 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

Feed-through terminal block - UT 16 RD - 3044207

Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	2.43 W
Designation	Level 1 above 1 below 1
Maximum load current	101 A (with 25 mm ² conductor cross section)
Nominal current I _N	76 A
Nominal voltage U _N	1000 V
Open side panel	Yes

Dimensions

Width	12.2 mm
End cover width	2.2 mm
Length	55.5 mm
Height	54.4 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

Connection data

Connection method	Screw connection
Screw thread	M5
Stripping length	14 mm
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm
Connection in acc. with standard	IEC 60947-7-1
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	25 mm ²
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	1 mm ²
2 conductors with same cross section, stranded max.	6 mm ²

Feed-through terminal block - UT 16 RD - 3044207

Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	16 mm ²
Internal cylindrical gage	A7

Standards and Regulations

Connection in acc. with standard	CUL
	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

PRS / UL Recognized / cUL Recognized / IECEx CB Scheme / VDE Zeichengenehmigung / EAC / RS / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Feed-through terminal block - UT 16 RD - 3044207

Approvals

Approval details

PRS		http://www.prs.pl/	TE/2156/880590/17
-----	--	---	-------------------

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		85 A	85 A
mm ² /AWG/kcmil		16-4	16-4

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		85 A	85 A
mm ² /AWG/kcmil		16-4	16-4

IECEE CB Scheme		http://www.iecee.org/	DE-56827
Nominal voltage UN		1000 V	
Nominal current IN		76 A	
mm ² /AWG/kcmil		1.5-16	

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40020166
Nominal voltage UN		1000 V	
Nominal current IN		76 A	
mm ² /AWG/kcmil		1.5-16	

EAC			RU C- DE.A*30.B.01742
-----	--	--	--------------------------

Feed-through terminal block - UT 16 RD - 3044207

Approvals

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

cULus Recognized	
------------------	---

Phoenix Contact 2019 © - 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>