

Feed-through terminal block - UT 16 OG - 3047468

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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, color: orange, 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"
- ✓ Tested for railway applications



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356286893

Technical data

General

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

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Connection data

2 conductors with same cross section, stranded max.	6 mm ²
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	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

DNV GL / CSA / PRS / UL Recognized / cUL Recognized / IECCE CB Scheme / VDE Zeichengenehmigung / EAC / RS / cULus Recognized

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Approvals

Ex Approvals

IECEX / ATEX / EAC Ex

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00001S9
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CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	85 A	85 A	
mm ² /AWG/kcmil	16-4	16-4	

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

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Approvals

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
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RS		http://www.rs-head.spb.ru/en/index.php	17.00013.272
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cULus Recognized			
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PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>