

Device terminal block - G 5/ 2-EX - 1089161

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>)



Device terminal block, nom. voltage: 500 V, nominal current: 32 A, connection method: Screw connection, number of connections: 4, number of positions: 2, cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, width: 20 mm, height: 24 mm, color: gray, mounting type: direct screw connection


The figure shows a combination of versions G 5/2, G 5/3 and G 5/4

Your advantages

- Touch-proof shock protection



Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 055626 892825
GTIN	4055626892825

Technical data

General

Number of positions	2
Number of levels	1
Number of connections	4
Potentials	2
Nominal cross section	4 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W

Device terminal block - G 5/ 2-EX - 1089161

Technical data

General

Maximum load current	32 A (with 4 mm ² conductor cross section)
Nominal current I _N	32 A
Nominal voltage U _N	500 V
Open side panel	No
Terminal block mounting	When attaching the product to the mounting surface, please ensure that the housing is not damaged when tightening the center screw

Dimensions

Width	20 mm
Length	22 mm
Height	24 mm

Connection data

Connection method	Screw connection
Screw thread	M3
Stripping length	8 mm
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²

Device terminal block - G 5/ 2-EX - 1089161

Technical data

Connection data

Internal cylindrical gage	A3
---------------------------	----

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Flammability rating according to UL 94	V0

Drawings

Circuit diagram



Approvals

Approvals


Approvals

EAC

Ex Approvals

IECEX / ATEX

Approval details

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

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>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Terminal Block Tools & Accessories](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[00171430102](#) [00171420102](#) [600HL](#) [600RJ-07](#) [600RJ-11](#) [600RJ-14](#) [600RJS-10](#) [600RJS-12](#) [600RJS-15](#) [600RJS-21](#) [601RJ-09](#) [602SP](#) [602Z](#)
[604J](#) [CSTSPC1-2](#) [7B941-7](#) [88943-2100](#) [QC102](#) [1437403-6](#) [1437403-9](#) [1437403-8](#) [1453128-1](#) [147832-1](#) [EC0037-000](#) [MT2/H--](#) [MT6/H-N](#)
[MT6/V-GRND](#) [MT8/H-51-60](#) [BC2-12](#) [BCC-1-8/10](#) [EP2.5/4UN/BG](#) [1707755](#) [1735590](#) [1755480](#) [1789281](#) [1840227](#) [1840230](#) [2-1437402-1](#)
[JA2-03](#) [JB1-03/J](#) [JB2-04](#) [JB2-05](#) [JB2-07](#) [JB2-09/J](#) [PARALLELJUMPERLINK](#) [JS601](#) [2204082](#) [2302463](#) [2305949](#) [8PCV-BUSHING](#)