

G 10/ 2 SO-DK - Device terminal block



3013081

<https://www.phoenixcontact.com/us/products/3013081>

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 documentation. Our general terms of use for downloads are valid.



Device terminal block, nom. voltage: 800 V, nominal current: 57 A, number of connections: 4, number of positions: 2, connection method: Screw connection, Rated cross section: 10 mm², cross section: 0.5 mm² - 16 mm², mounting type: direct screw connection, color: gray

Your advantages

- Touch-proof shock protection

Commercial data

Item number	3013081
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1265
GTIN	4017918162832
Weight per piece (including packing)	36.76 g
Weight per piece (excluding packing)	36.76 g
Customs tariff number	85369010
Country of origin	TR

G 10/ 2 SO-DK - Device terminal block



3013081

<https://www.phoenixcontact.com/us/products/3013081>

Technical data

Product properties

Product type	Feed-through terminal block
Number of positions	2
Number of connections	4
Number of rows	1
Potentials	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.82 W

Connection data

Number of connections per level	4
Nominal cross section	10 mm ²
Connection method	Screw connection
Screw thread	M4
Note	Six-lobe slotted
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10.6 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.5 mm ² ... 16 mm ²
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm ² ... 10 mm ²
Conductor cross-section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 16 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 16 mm ²
2 conductors with same cross section, solid	0.5 mm ² ... 6 mm ²
2 conductors with same cross section, flexible	0.5 mm ² ... 6 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm ² ... 6 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 6 mm ²
Nominal current	57 A
Maximum load current	76 A (with 16 mm ² conductor cross-section)
Nominal voltage	800 V
Nominal cross section	10 mm ²

Dimensions

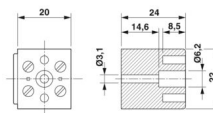
G 10/ 2 SO-DK - Device terminal block



3013081

<https://www.phoenixcontact.com/us/products/3013081>

Dimensional drawing



Width	20 mm
Height	31 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	direct screw connection
---------------	-------------------------

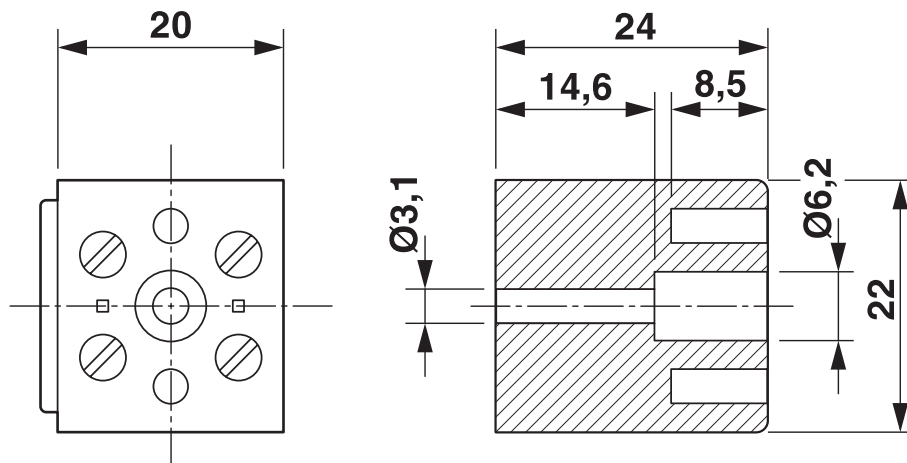
G 10/ 2 SO-DK - Device terminal block

3013081

<https://www.phoenixcontact.com/us/products/3013081>

Drawings

Dimensional drawing



G 10/ 2 SO-DK - Device terminal block



3013081

<https://www.phoenixcontact.com/us/products/3013081>

Classifications

ETIM

ETIM 8.0	EC001284
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

G 10/ 2 SO-DK - Device terminal block



3013081
<https://www.phoenixcontact.com/us/products/3013081>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com