

BSLK 16 - Ground terminal



0810012

<https://www.phoenixcontact.com/pc/products/0810012>

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.



Ground terminal, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.5 mm² - 16 mm², mounting type: NS 35/7,5, NS 35/15, color: silver

Commercial data

Item number	0810012
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BE1221
GTIN	4017918007935
Weight per piece (including packing)	13.51 g
Weight per piece (excluding packing)	13.344 g
Customs tariff number	85369010
Country of origin	DE

BSLK 16 - Ground terminal



0810012

<https://www.phoenixcontact.com/pc/products/0810012>

Technical data

Product properties

Product type	Ground terminal block
Number of positions	1
Number of connections	2
Number of rows	1

Data management status

Article revision	00
------------------	----

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0 W

Connection data

Grounding foot	Yes
Number of connections per level	2
Screw thread	M4
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	1.5 ... 1.8 Nm
Stripping length	7 mm
Connection in acc. with standard	IEC 60947-7-2
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 ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 10 mm ²

Dimensions

Width	8 mm
Height	50 mm
Depth on NS 35/7,5	34 mm
Depth on NS 35/15	41.5 mm

Material specifications

Color	silver-colored
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

BSLK 16 - Ground terminal



0810012

<https://www.phoenixcontact.com/pc/products/0810012>

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °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 60947-7-2
----------------------------------	---------------

Mounting

Mounting type	NS 35/7,5
	NS 35/15

BSLK 16 - Ground terminal



0810012

<https://www.phoenixcontact.com/pc/products/0810012>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/0810012>



EAC

Approval ID: RU C-DE.BL08.B.00534

BSLK 16 - Ground terminal



0810012

<https://www.phoenixcontact.com/pc/products/0810012>

Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

ETIM

ETIM 9.0	EC000901
----------	----------

UNSPSC

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

BSLK 16 - Ground terminal



0810012
<https://www.phoenixcontact.com/pc/products/0810012>

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 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com