

# MSLK 4 - Ground terminal

1410013

<https://www.phoenixcontact.com/us/products/1410013>

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Ground terminal, number of connections: 1, connection method: Screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: NS 15, color: silver



## Commercial data

Item number	1410013
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE12
Product key	BE1261
GTIN	4017918021078
Weight per piece (including packing)	6.5 g
Weight per piece (excluding packing)	6.334 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

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

### Electrical properties

Rated surge voltage	5 kV
Maximum power dissipation for nominal condition	0.77 W

### Connection data

Grounding foot	Yes
Number of connections per level	1
Nominal cross section	2.5 mm <sup>2</sup>
Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.5 ... 0.8 Nm
Stripping length	8 mm
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Flexible conductor cross section (ferrule with plastic sleeve)	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Maximum load current	34 A (with 4 mm <sup>2</sup> conductor cross section)

### Dimensions

Width	5 mm
Height	27.5 mm
Depth	18 mm

### Material specifications

Color	silver
Flammability rating according to UL 94	V0
Insulating material	PA

### Mechanical properties

#### Mechanical data

Open side panel	Yes
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating;
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	for max. short-term operating temperature, see RTI Elec.)
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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

Mounting type	NS 15
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## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

ETIM 9.0	EC000901
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

REACH SVHC	4-Nonylphenol, branched and linear
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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