

USLKG 6 N - Ground terminal



0442079

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Ground terminal, number of connections: 2, connection method: Screw connection, cross section: 0.2 mm² - 10 mm², mounting: PE foot with mounting screw, M4, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Commercial Data

Item number	0442079
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	B01
Product Key	BE1221
Catalog Page	Page 463 (C-1-2019)
GTIN	4017918129316
Weight per Piece (including packing)	27.89 g
Weight per Piece (excluding packing)	27.048 g
Customs tariff number	85369010
Country of origin	DE

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Technical Data

Notes

General

Note	When establishing a connection on the open housing side of a feed-through modular terminal block of the same series and size, the block must be provided with a cover if the expected insulation voltage is >320 V.
	The max. load current must not be exceeded by the total current of all connected conductors.

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.31 W

Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	6 mm ²

Level 1 above 1 below 1

Screw thread	M4
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² ... 10 mm ²
Cross section AWG	24 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 6 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 6 mm ²

Ex data

Rated data (ATEX/IECEx)

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Identification	Ⓜ II 2 GD Ex eb IIC
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1205066 SZS 1,0X4,0 VDE 1201442 E/UK
Torque range for PE foot	1.5 Nm ... 1.8 Nm
output	(Permanent)

Ex connection data General

Torque range	1.5 Nm ... 1.8 Nm
Nominal cross section	6 mm ²
Rated cross section AWG	10
Connection capacity rigid	0.2 mm ² ... 10 mm ²
Connection capacity AWG	24 ... 8
Connection capacity flexible	0.2 mm ² ... 6 mm ²
Connection capacity AWG	24 ... 10

Dimensions

Width	8.2 mm
Height	45.8 mm
Height NS 35/15	54.5 mm
Height NS 35/7,5	47 mm
Height	1.85 "
Height NS 32	52 mm
Length	42.5 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties