

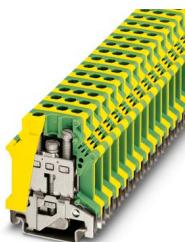
USLKG 16 - Protective conductor terminal block



0443010

<https://www.phoenixcontact.com/us/products/0443010>

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Protective conductor terminal block, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.5 mm² - 16 mm², mounting method: PE foot with mounting screw, M4, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Commercial data

Item number	0443010
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1221
GTIN	4017918002251
Weight per piece (including packing)	36.03 g
Weight per piece (excluding packing)	35.064 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

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

Insulation characteristics

Overtoltage category	III
Degree of pollution	3

Electrical properties

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

Connection data

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	11 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
Connection in acc. with standard	UL
Cross section AWG	24 ... 6 (converted acc. to IEC)
Connection in acc. with standard	CSA
Cross section AWG	24 ... 6 (converted acc. to IEC)
Connection in acc. with standard	CUL
Cross section AWG	24 ... 6 (converted acc. to IEC)

Dimensions

Width	12.2 mm
Height	42.5 mm
Depth on NS 15	52.6 mm
Depth on NS 32	59 mm
Depth on NS 35/7,5	54 mm
Depth on NS 35/15	61.5 mm

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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

General

Terminal block mounting	1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4)
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Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; 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 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
	UL
	CSA
	CUL

Mounting

NS 35/7,5

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Mounting type	NS 35/15
	NS 32
Terminal block mounting	1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4)

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0443010>

	CSA	Approval ID: 13631	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
			-	-	24 - 6	-

	EAC	Approval ID: KZ7500651131219505
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	cULus Recognized	Approval ID: E60425	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B			-	-	20 - 6	-
Use group C			-	-	20 - 6	-

	LR	Approval ID: LR2041789TA-02
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DNV	Approval ID: TAE00001CT
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Classifications

ECLASS

ECCLASS-13.0	27250103
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ETIM

ETIM 9.0	EC000901
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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