

Pick-off terminal block - AGK 10-UKH 150/240



3003554

<https://www.phoenixcontact.com/gb/products/3003554>

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Pick-off terminal block, Can only be used in conjunction with UKH 150/240, nom. voltage: 1000 V, nominal current: 57 A, connection method: Screw connection, Rated cross section: 10 mm², cross section: 0.5 mm² - 10 mm², mounting type: on base element, color: gray

Your advantages

- The fully insulated, optional use pick-off terminal block enables voltage pick-off
- Large-surface marking
- Pick-off terminal block, for snapping into the lateral guide

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Commercial Data

Order Key	3003554
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	BE1ZWX
Product Key	BE1ZWX
Catalog Page	Page 196 (C-1-2019)
GTIN	4017918104245
Weight per Piece (including packing)	15.89 g
Weight per Piece (excluding packing)	15.89 g
Customs tariff number	85369010
Country of origin	PL

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Technical Data

Notes

General	Can only be used in conjunction with UKH 150/240
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Product properties

Number of connections	1
Number of rows	1
Potentials	1

Insulation characteristics

Overtoltage 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	1
Nominal cross section	10 mm ²
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	B6
Connection in acc. with standard	IEC/EN 60079-7
Test certificate name	KEMA 98ATEX1786 U
Conductor cross section solid	0.5 mm ² ... 10 mm ²
Cross section AWG	20 ... 8
Conductor cross section flexible	0.5 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	20 ... 8
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.5 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 6 mm ²
2 conductors with same cross section, solid	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm ² ... 2.5 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 10 mm ² conductor cross section)
Nominal voltage	1000 V
Nominal cross section	10 mm ²

Ex data

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Rated data (ATEX/IECEX)

ATEX certificate	KEMA 98 ATEX 1786 U
IEC Ex certificate	IECEX KEM 06.0029 U
Identification	Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1212589 SF-SL 1,0X5,5-125 S-VDE
Ex temperature increase	40 K (62.7 A / 10 mm ²)
Rated voltage	-
Rated insulation voltage	1000 V

Ex level General

Rated current	57 A
Maximum load current	57 A
Contact resistance	0.7 mΩ

Ex connection data General

Torque range	1.5 Nm ... 1.8 Nm
Nominal cross section	10 mm ²
Rated cross section AWG	8
Connection capacity rigid	0.5 mm ² ... 10 mm ²
Connection capacity AWG	20 ... 8
Connection capacity flexible	0.5 mm ² ... 10 mm ²
Connection capacity AWG	20 ... 8
2 conductors with same cross section, solid	0.5 mm ² ... 6 mm ²
2 conductors with the same cross-section AWG rigid	20 ... 10
2 conductors with same cross section, stranded	0.5 mm ² ... 6 mm ²
2 conductors with the same cross-section AWG flexible	20 ... 10

Dimensions

Width	10.2 mm
Height	34.7 mm
Length	20.7 mm

Material specifications

Color	gray
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))	130 °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

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Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 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

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC/EN 60079-7
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Mounting

Mounting type	on base element
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Drawings

Circuit diagram




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Approvals


CSA 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	65 A	24 - 6	-


cULus Recognized 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B				
	600 V	65 A	24 - 6	-
Multi-conductor connection	600 V	65 A	20 - 10	-
Use group C				
	600 V	65 A	24 - 6	-
Multi-conductor connection	600 V	65 A	20 - 10	-


ATEX 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Type examination certificate	1100 V	57 A	-	0.5 - 10


EAC Ex 

IECEx 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	1100 V	57 A	-	0.5 - 10

CCC 

NEPSI 

cUL Recognized 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	65 A	24 - 6	-

UL Recognized 	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	600 V	65 A	24 - 6	-

cULus Recognized

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Classifications

ECLASS

ECLASS-9.0	27141151
ECLASS-10.0.1	27141151
ECLASS-11.0	27141151

ETIM

ETIM 6.0	EC002021
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UNSPSC

UNSPSC 19.0	39121402
UNSPSC 20.0	39121402
UNSPSC 21.0	39121402

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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