

AGK 10-PTPOWER BU - Pick-off terminal block



3260148

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Pick-off terminal block, nom. voltage: 1500 V, nominal current: 57 A, number of connections: 2, connection method: Push-in connection, 1 level, Rated cross section: 10 mm², cross section: 0.5 mm² - 16 mm², mounting type: on base element, color: blue

Your advantages

- Large-surface marking
- The fully insulated, optionally used pick-off terminal block enables voltage pick-off
- Pick-off terminal block, for snapping into the side insertion funnel

Commercial data

Item number	3260148
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2ZWX
Catalog page	Page 136 (C-1-2019)
GTIN	4046356779081
Weight per piece (including packing)	23.118 g
Weight per piece (excluding packing)	22.6 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Notes

General	For use with PTPOWER 50, 95, 150, and 185 PowerTurn high-current terminal blocks
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Product properties

Product type	Pick-off terminal
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage 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	2
Nominal cross section	10 mm ²

1 level

Stripping length	18 mm
Internal cylindrical gage	A6
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
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.5 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm ² ... 4 mm ²
Nominal current	57 A
Maximum load current	57 A (The maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	1500 V
Nominal cross section	10 mm ²

1 level Connection cross sections directly pluggable

Conductor cross section rigid	1 mm ² ... 16 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm ² ... 10 mm ²

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Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm ² ... 10 mm ²
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Ex data

Rated data (ATEX/IECEX)

Identification	⊕ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1204517 SZF 1-0,6X3,5
Ex temperature increase	40 K (51 A / 10 mm ²)
Rated voltage	1100 V
Rated insulation voltage	1000 V
output	(Permanent)

Ex level General

Rated current	50 A
Maximum load current	50 A
Contact resistance	1.05 mΩ

Ex connection data General

Ferrule length	18 mm
Stripping length	18 mm
Nominal cross section	10 mm ²
Rated cross section AWG	6
Connection capacity rigid	0.5 mm ² ... 16 mm ²
Connection capacity AWG	20 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Single conductor/terminal point, flexible, with ferrule, without plastic sleeve, AWG	20 ... 8

Dimensions

Width	18.5 mm
Height	35 mm
Depth	34.7 mm

Material specifications

Color	blue
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

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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

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

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 %

Mounting

Mounting type	on base element
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Classifications

ECLASS

ECLASS-11.0	27141151
ECLASS-12.0	27141151
ECLASS-13.0	27250308

ETIM

ETIM 9.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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