

# AGK 10-PTPOWER GN/YE - Pick-off terminal block



3260151

<https://www.phoenixcontact.com/us/products/3260151>

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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, Rated cross section: 10 mm<sup>2</sup>, 1 level, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, mounting type: on base element, color: green/yellow

## 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	3260151
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2ZWX
GTIN	4046356779098
Weight per piece (including packing)	22.6 g
Weight per piece (excluding packing)	22.6 g
Customs tariff number	85369010
Country of origin	TR

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## Technical data

### 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 <sup>2</sup>

#### 1 level

Connection method	Push-in connection
Stripping length	18 mm
Internal cylindrical gage	A6
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Nominal cross section	10 mm <sup>2</sup>
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

#### 1 level Connection cross sections directly pluggable

Conductor cross-section rigid	1 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	2.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>

## Ex data

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## 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 <sup>2</sup> )
Rated insulation voltage	1000 V
output	(Permanent)

## Ex level General

Rated voltage	1100 V
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 <sup>2</sup>
Rated cross section AWG	6
Connection capacity rigid	0.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Connection capacity AWG	20 ... 6
Conductor cross-section flexible, with ferrule without plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross-section flexible, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
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	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

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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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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3260151>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	600 V	57 A	20 - 6	-
C	600 V	57 A	20 - 6	-


 <b>cUL Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
C	1000 V	57 A	20 - 6	-

 <b>UL Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
E	1000 V	57 A	20 - 6	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00644				
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 <b>EAC Ex</b> Approval ID: RU C-DE.Ax07.B.03227				
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 <b>IECEx</b> Approval ID: IECExSEV14.0013U				
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 <b>ATEX</b> Approval ID: SEV14ATEX0156U				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
Only rigid conductors	1100 V	50 A	-	0.5 - 16
multi-stranded with ferrule	1100 V	50 A	-	0.5 - 10

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**CCC**

Approval ID: 2020322313000630



**UKCA-EX**

Approval ID: CML 22UKEX1227U



**IECEx**

Approval ID: IECExSEV14.0013U



**EAC Ex**

Approval ID: KZ 7500525010101950

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## Classifications

### ECLASS

ECLASS-13.0	27250308
ECLASS-15.0	27250308

### ETIM

ETIM 10.0	EC000897
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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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### EF3.1 Climate Change

CO2e kg	0.248 kg CO2e
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