

PLC-ESK GY - Power terminal block

2966508

<https://www.phoenixcontact.com/us/products/2966508>



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Power terminal block, for the input of up to four potentials, for mounting on NS 35/7.5



Commercial data

Item number	2966508
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	C461
Product key	DK62Z3
GTIN	4017918147600
Weight per piece (including packing)	37.97 g
Weight per piece (excluding packing)	34.506 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Feed-in module
Product family	PLC-INTERFACE

Electrical properties

Operating voltage (AC/DC)	250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)
Current (Total current)	32 A

Connection data

Connection method	Screw connection
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section AWG	24 ... 10

Dimensions

Item dimensions	
Width	9 mm
Height	80 mm
Depth	85.7 mm

Material specifications

Color	gray (RAL 7042)
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Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Approvals

CE	
Certificate	CE-compliant
UKCA	
Certificate	UKCA-compliant
Shipbuilding approval	
Certificate	TAE0000196
Corrosive gas test	
Identification	ISA-S71.04. G3 Harsh Group

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EN 60068-2-60

Shipbuilding data

Temperature	D
Humidity	A
Vibration	B/C
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

EMC data

Electromagnetic compatibility	Conformance with EMC directive
Low Voltage Directive	Conformance with Low Voltage Directive

Mounting

Mounting type	DIN rail mounting
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Approvals

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cUL Recognized

Approval ID: E238705



UL Recognized

Approval ID: E238705



EAC

Approval ID: RU C-DE.A*30.B.01742



DNV GL

Approval ID: TAE0000196



cULus Listed

Approval ID: E140324

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Classifications

ECLASS

ECLASS-13.0	27371692
ECLASS-15.0	27371692

ETIM

ETIM 9.0	EC002586
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UNSPSC

UNSPSC 21.0	39122300
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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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