PLC-ESK GY - Power terminal block

2966508

https://www.phoenixcontact.com/in/products/2966508

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	CK6
Product key	CK62Z3
Catalog page	Page 426 (C-5-2019)
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	Power 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 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 4 mm²
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)

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

	EN 60068-2-60
DNV GL 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

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

Mounting

Mounting type	DIN rail mounting

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/in/products/2966508

cUL Recognized
Approval ID: FILE E 238705

UL Recognized
Approval ID: FILE E 238705

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

DNV GL
Approval ID: TAE0000196

UL Listed
Approval ID: FILE E 172140

cUL Listed
Approval ID: FILE E 172140

cULus Listed
Approval ID: E140324

cULus Recognized

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27371692
ECLASS-12.0	27371692
ECLASS-13.0	27371692

ETIM

ETIM 9.0	EC002586

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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Accessories

FBST   6-PLC BU - Single plug-in bridge

2966812

https://www.phoenixcontact.com/in/products/2966812

Single plug-in bridge, number of positions: 2, length: 6 mm, color: blue

FBST 500-PLC RD - Continuous plug-in bridge

2966786

https://www.phoenixcontact.com/in/products/2966786

Continuous plug-in bridge, length: 500 mm, color: red

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FBST 6-PLC GY - Single plug-in bridge

2966825

https://www.phoenixcontact.com/in/products/2966825

Single plug-in bridge, number of positions: 2, length: 6 mm, color: gray
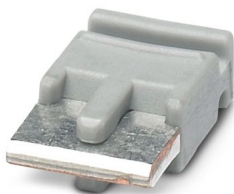
FBST 8-PLC GY - Single plug-in bridge

2967688

https://www.phoenixcontact.com/in/products/2967688

Single plug-in bridge, number of positions: 2, length: 8 mm, color: gray

PLC-ESK GY - Power terminal block

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https://www.phoenixcontact.com/in/products/2966508

FBST 14-PLC BK - Single plug-in bridge

2967691

https://www.phoenixcontact.com/in/products/2967691

Single plug-in bridge, number of positions: 2, length: 14 mm, color: black

FBST 500-PLC GY - Continuous plug-in bridge

2966838

https://www.phoenixcontact.com/in/products/2966838

Continuous plug-in bridge, length: 500 mm, color: gray

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FBST 500-PLC BU - Continuous plug-in bridge

2966692

https://www.phoenixcontact.com/in/products/2966692
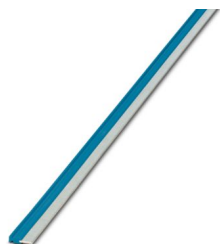
Continuous plug-in bridge, length: 500 mm, color: blue

FBST   6-PLC RD - Single plug-in bridge

2966236

https://www.phoenixcontact.com/in/products/2966236
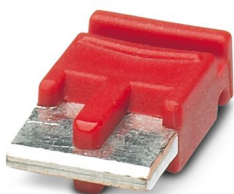
Single plug-in bridge, number of positions: 2, length: 6 mm, color: red

NS 35/ 7,5 V2A UNPERF 2000MM - DIN rail, unperforated

0801377

https://www.phoenixcontact.com/in/products/0801377

DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Stainless steel V2A, uncoated, Standard profile, color: silver

NS 35/ 7,5 PERF 2000MM - DIN rail perforated

0801733

https://www.phoenixcontact.com/in/products/0801733

DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PLC-ESK GY - Power terminal block

2966508

https://www.phoenixcontact.com/in/products/2966508

NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

https://www.phoenixcontact.com/in/products/0801762

DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

NS 35/15 UNPERF 2000MM - DIN rail, unperforated

1201714

https://www.phoenixcontact.com/in/products/1201714

DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PLC-ESK GY - Power terminal block

2966508

https://www.phoenixcontact.com/in/products/2966508

NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

https://www.phoenixcontact.com/in/products/1201895

DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

https://www.phoenixcontact.com/in/products/1201798

DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

PLC-ESK GY - Power terminal block

2966508

https://www.phoenixcontact.com/in/products/2966508

NS 35/15 AL UNPERF 2000MM - DIN rail, unperforated

1201756

https://www.phoenixcontact.com/in/products/1201756

DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

NS 35/15 PERF 2000MM - DIN rail perforated

1201730

https://www.phoenixcontact.com/in/products/1201730

DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PLC-ESK GY - Power terminal block

2966508

https://www.phoenixcontact.com/in/products/2966508

NS 35/ 7,5 UNPERF 2000MM - DIN rail, unperforated

0801681

https://www.phoenixcontact.com/in/products/0801681

DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PLC-ATP BK - Separating plate

2966841

https://www.phoenixcontact.com/in/products/2966841

Separating plate, 2 mm thick, required at the start and end of a PLC terminal strip. Furthermore, it is used for: visual separation of groups, safe isolation of different voltages of neighboring PLC relays in acc. with DIN VDE 0106-101, isolation