

https://www.phoenixcontact.com/cn/products/2980225



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6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 5 V DC

Commercial data

Item number	2980225
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	CK6211
Product key	CK6211
GTIN	4017918820756
Weight per piece (including packing)	34.89 g
Weight per piece (excluding packing)	28.49 g
Customs tariff number	8538900000
Country of origin	DE



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Technical data

Product properties

Product type	Relay socket
Product family	PLC-INTERFACE
Application	Universal
Operating mode	100% operating factor
Insulation characteristics	
Pollution degree	3

Electrical properties

Protective circuit	Damping diode, polarity protection diode

Input data

Nominal input voltage U _N	5 V DC
Protective circuit	Freewheeling diode

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²
	0.2 mm² 2.5 mm² (Single ferrule)
	2x 0.5 mm² 1.5 mm² (TWIN ferrule)
Conductor cross section AWG	26 14
Tightening torque	0.6 Nm 0.8 Nm

Signaling

Status display	LED
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Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0 (Housing)

Environmental and real-life conditions

Ambient conditions

Ambient conditions	
Ambient temperature (operation)	-25 °C 60 °C



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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
DAN/ CL date	
DNV GL data	
Temperature	D
Humidity	A
Vibration	B/C
EMC	В
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
Assembly instructions	in rows with zero spacing
Mounting position	any



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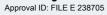
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Approvals

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cUL Recognized





UL Recognized

Approval ID: FILE E 238705



EAC

Approval ID: RU D-DE.B*00573/18



DNV GL

Approval ID: TAE0000196

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Classifications

UNSPSC 21.0

ECLASS

ECLASS-11.0	27371603
ECLASS-12.0	27371603
ECLASS-13.0	27371603
ETIM	
ETIM 9.0	EC001456
UNSPSC	

39122300



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
	Hexahydromethylphthalic anhydride
China RoHS	Environmentally Friendly Use Period = 50 years

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