

PLC-BSC- 12DC/21 - Relay base

2966896

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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 12 V DC

Commercial data

Item number	2966896
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	CK6211
Product key	CK6211
GTIN	4017918159573
Weight per piece (including packing)	34.86 g
Weight per piece (excluding packing)	28.41 g
Customs tariff number	8538900000
Country of origin	DE

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Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Relay socket
Product family	PLC-INTERFACE
Set comprises	2966906 PLC-RSC- 12DC/21 2966919 PLC-RSC- 12DC/21AU
Application	Universal
Operating mode	100% operating factor

Insulation characteristics

Pollution degree	3
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Electrical properties

Protective circuit	Damping diode, polarity protection diode
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Input data

Nominal input voltage U_N	12 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 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ² 0.2 mm ² ... 2.5 mm ² (Single ferrule) 2x 0.5 mm ² ... 1.5 mm ² (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

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Material specifications

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

Environmental and real-life conditions

Ambient conditions

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

Approvals

CE

Certificate	CE-compliant
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UKCA

Certificate	UKCA-compliant
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Shipbuilding approval

Certificate	TAE0000196
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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

Standards and regulations

Standards/regulations	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631

Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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Classifications

ECLASS

ECLASS-11.0	27371603
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ETIM

ETIM 8.0	EC001456
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UNSPSC

UNSPSC 21.0	39122300
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Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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