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ST-REL3-KG230/21/AU/SO46 - Relay connectors

2826266

https://www.phoenixcontact.com/gb/products/2826266

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Plug-in relay interface for protection against interference on the control side, with soldered-in miniature switching relay, contacts (Au): small loads, 1 changeover contact, input voltage 230 V AC

Your advantages

- Use of AC output cards, resulting in residual AC currents
- Resistant to interference currents
- Applications with long control lines
- High relay release voltage

Commercial data

Item number	2826266
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DK61B2
Product key	DK61B2
Catalog page	Page 446 (C-5-2019)
GTIN	4017918077877
Weight per piece (including packing)	41.52 g
Weight per piece (excluding packing)	41.52 g
Customs tariff number	85364900
Country of origin	DE

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Technical data

Product properties

Product type	Relay Module
Mechanical service life	approx. 2x 10^7 cycles

Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Data management status

Date of last data management	19.03.2025

Electrical properties

Maximum power dissipation for nominal condition	4.14 W

Input data

Coil side

Nominal input voltage U_N	230 V AC
Input voltage range	207 V AC ... 253 V AC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U_N	18 mA
Typical response time	10 ms
Typical release time	8 ms
Protective circuit	Bridge rectifier; Bridge rectifier
	Surge protection; Varistor
Operating voltage display	yes

Output data

Switching

Contact switching type	1 changeover contact
Type of switch contact	Double contact
Contact material	AgPd60, hard gold-plated
Maximum switching voltage	30 V AC
	36 V DC
Limiting continuous current	0.5 A
Maximum inrush current	0.2 A
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)

Dimensions

Width	20.8 mm
Height	42.5 mm

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Depth	112 mm

Material specifications

Color	green (RAL 6021)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Standards and regulations

Standards/regulations	IEC 60664
	EN 50178

Mounting

Mounting type	Plug-in mounting
Mounting position	any

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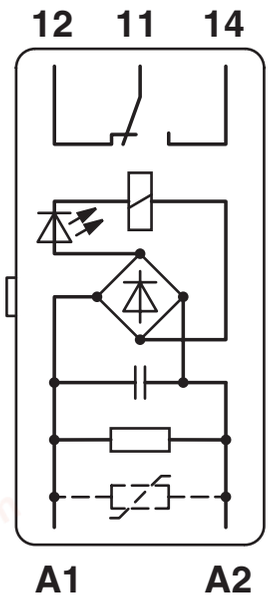
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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2826266

EAC
Approval ID: RU*C-DE.*08.B.00010

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Classifications

ECLASS

ECLASS-13.0	27371601

ETIM

ETIM 9.0	EC001437

UNSPSC

UNSPSC 21.0	39122300

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Hexahydromethylphthalic anhydride(CAS: n/a)
	Lead(CAS: 7439-92-1)
SCIP	6be65048-c6ed-4cdc-a59f-8931fd59d4b7

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