

Relay Module - EMG 25-REL/KSR-230/2X21AU/SO46 - 2964843

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Relay interfaces against interference on the control side, with soldered-in miniature switching relays, contacts (Au): small loads, 2 PDT, input voltage 230 V AC

The illustration shows version EMG 22-REL/KSR -230/21/SO 46



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	79.09 GRM
Custom tariff number	85364900
Country of origin	Germany

Technical data

Dimensions

Width	25 mm
Height	75 mm
Depth	62.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Coil side

Nominal input voltage U_N	230 V AC/DC
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	18 mA
Typical response time	10 ms
Typical release time	8 ms

Relay Module - EMG 25-REL/KSR-230/2X21AU/SO46 - 2964843

Technical data

Coil side

Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element

Contact side

Contact type	Single contact, 2-PDT
Contact material	Ag, gold-flashed
Maximum switching voltage	24 V AC/DC
Maximum inrush current	0.2 A
Limiting continuous current	0.5 A
Interrupting rating (ohmic load) max.	5 W
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	250 V AC/DC
Limiting continuous current	5 A

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. 2×10^7 cycles
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	IEC 60255/DIN VDE 0435 (in relevant parts)
Pollution degree	2
Surge voltage category	III
Mounting position	any

Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil max.	12
Conductor cross section AWG/kcmil min.	24
Screw thread	M3

Relay Module - EMG 25-REL/KSR-230/2X21AU/SO46 - 2964843

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Drawings

Circuit diagram

