

Functional block - EMG 17-REL/KSR-G 24/SO38 BK - 2949994

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Relay module for high inrush currents, with soldered-in relay, contacts (AgCdO + capacitive W): medium to large loads, 1 N/O contact, input voltage 24 V DC, max. inrush current 80 A

Why buy this product

- ✔ Can be snapped onto standard EN DIN rails
- ✔ Clear terminal marking using Phoenix Contact labeling material
- ✔ Modular DIN-rail mountable EMG housing with 17.5 mm design width
- ✔ User-friendly plug-in housing
- ✔ Easy maintenance



Key commercial data

Packing unit	10 pc
GTIN	 4 017918 083915
Weight per Piece (excluding packing)	53.79 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Dimensions

Width	17.5 mm
Height	75 mm
Depth	62.5 mm

Ambient conditions

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

Coil side

Nominal input voltage U_N	24 V DC
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Technical data

Coil side

Input voltage range in reference to U_N	0.85 ... 1.1
Nominal input current at U_N	28 mA
Typical response time	13 ms
Typical release time	15 ms
Operating voltage display	Yellow LED
Protective circuit	Free-wheeling diode Damping diode

Contact side

Contact type	1 N/O contact with lead contact
Contact material	AgCdO
Maximum switching voltage	250 V AC
Maximum inrush current	80 A (20 ms)
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	4 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. 10^7 cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	safe isolation
Pollution degree	2
Surge voltage category	III
Mounting position	any

Connection data

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

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102

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Classifications

eCl@ss

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details



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Approvals

GOST

cULus Recognized

Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

Drawings

Circuit diagram

