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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

Product Features

- 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	1 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



Technical data

Ambient conditions

A selected to see a set of selection (set of selection selection)	20.00 70.00
Ambient temperature (storage/transport)	-20 °C 70 °C

Coil side

Nominal input voltage U _N	24 V DC
Input voltage range in reference to U _N	0.85 1.1
Typical input current at U _N	28 mA
Typical response time	13 ms
Typical release time	15 ms
Protective circuit	Free-wheeling diode Damping diode
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.67 W

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
Degree of pollution	2
Overvoltage category	III
Mounting position	any

Connection data input side

Connection name	Coil side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² 4 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 12



Technical data

Connection data output side

Connection name	Contact side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² 4 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 12

Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage/insulation	safe isolation
Degree of pollution	2
Overvoltage category	III

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	27371601

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515



Classifications

UNSPSC

UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized **5**

cUL Recognized

EAC

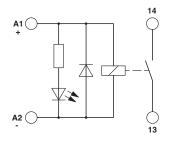
EAC

cULus Recognized • Sus

Drawings



Circuit diagram



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