


Relay Module - PLC-RSC- 24DC/21-21ATEX - 2980461

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PLC relay, 24 V DC, for use in hazardous locations



Key commercial data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 051262
Weight per Piece (excluding packing)	75.97 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Dimensions

Width	14 mm
Height	80 mm
Depth	94 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
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Coil side

Nominal input voltage U_N	24 V DC
Nominal input current at U_{IN}	18 mA
Typical response time	8 ms
Typical release time	10 ms
Operating voltage display	Yellow LED
Protective circuit	Protection against polarity reversal Polarity protection diode
	Surge protection Damping diode

Contact side

Contact type	2 PDT
Contact material	AgNi
Maximum switching voltage	250 V AC/DC

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Technical data

Contact side

Minimum switching voltage	5 V
Maximum inrush current	8 A
Min. switching current	10 mA
Limiting continuous current	6 A

General

Test voltage relay winding/relay contact	4 kV (50 Hz, 1 min.)
Test voltage PDT/PDT	2.5 kV (50 Hz, 1 min.)
Mechanical service life	3 x 10 ⁷ cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

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
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Classifications

UNSPSC

UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515