



**electric relay-REL-MR-
24DC/21-21□2961192□**

URL:<https://www.sxplc.com/electric-relay-rel-mr-24dc-21-21-2961192>

Product data sheet

REL-MR- 24DC/21-21□2961192□	Single relay
Operating mode	100% operating factor
Mechanical service life	3x 10 ⁷ cycles
Insulation	Basic insulation
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Overvoltage category	III
Pollution degree	3

Service life electrical	see diagram
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Maximum power dissipation for nominal condition	0.41 W
Test voltage (Winding/contact)	5 kV AC (50 Hz, 1 min.)
Test voltage (Contact/contact)	2.5 kV AC (50 Hz, 1 min., contact/contact)

Nominal input voltage UN	24 V DC
Input voltage range	15.6 V DC ... 59.52 V DC
Drive and function	monostable
Drive (polarity)	non-polarized
Typical input current at UN	17 mA
Typical response time	7 ms
Typical release time	3 ms
Coil resistance	1440 Ω \pm 10 % (at 20 °C)

Contact switching type	2 changeover contacts
Type of switch contact	Single contact
Contact material	AgNi

Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (10 mA)
Limiting continuous current	8 A
Maximum inrush current	25 A (20 ms)
Min. switching current	10 mA (5 V)
Interrupting rating (ohmic load) max.	192 W (24 V DC)
	96 W (48 V DC)
	60 W (at 60 V DC)
	44 W (at 110 V DC)
	60 W (at 220 V DC)
	2000 VA (250 V AC)
Switching capacity	2 A (24 V (DC13))
	0.2 A (250 V (DC-13))
	3 A (24 V (AC15))
	3 A (120 V (AC15))
	3 A (250 V (AC15))
Motor load according to UL 508	1/4 HP, 120 V AC
	1/2 HP, 240 V AC

