



Contact characteristics

Contact configuration	2 C/O		
Rated insulation voltage Ui IEC/EN	V	250	
Rated impulse withstand voltage Uimp	kV	6	
IEC Conventional free air thermal current Ith ≤ 40°C	A	8	
Maximum instantaneous current	A	20	
Rated current (In)	A	8	
Max contrallable power in	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1	VA		2000
Rated operating power AC-15	230 VAC	VA	150
Single-phase motor control	230VAC	kW	0.2
Rated operating current DC-1	30V	A	8
	110V	A	0.3
	220V	A	0.1
Minimum switching load	V / mA		5 / 100
Contact impedance	mΩ		100
Contact material	AgSnO2		

Operating times

Closing	ms	10
Opening	ms	5

Operations

Mechanical life	cycles	10000000
Electrical life AC1	cycles	50000

Coil characteristics

Relay control voltage	V	24VDC
Average coil consumption AC at 20°C	VA	0.9
Average coil consumption DC at 20°C	W	0.45

Operating range

	Closing	% U_n	75...110
	Opening	% U_n	10...30
Maximum cycle frequency	cycles/h		3600

Mechanical features

Max socket terminal tightening torque	Nm	0.6
Socket screw tightening tool (cross / flat blade)	PH1 / 4.5mm	
Conductor section	AWG/Kcmil	
	min	20
	max	14
IEC		

	min	mm²	0.5
	max	mm²	2.5
Operating position	normal		Any
Fixing			On 35mm DIN rail and with screw

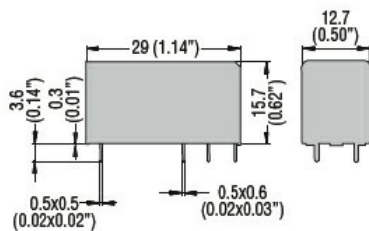
Ambient conditions

Temperature	Operating temperature	min	°C	-40
		max	°C	+85
	Storage temperature	min	°C	-40
		max	°C	+85

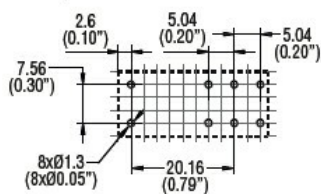
Other features

Indication	No
Mechanical contact position indicator	No
Mechanical test actuator	No

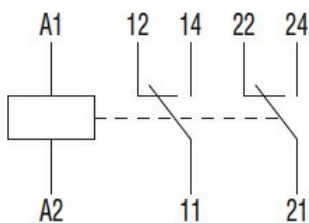
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 61810
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ETIM classification

ETIM 8.0	EC001437 - Switching relay
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