



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	10	
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
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	Ag/Ni		

Operating times

Closing	ms	<15
Opening	ms	<15

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	1
Average coil consumption DC at 20°C	W	0.4

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 +70
	Storage temperature	
	min	°C -40
	max	°C +85
Other features		
Indication		Yes
Mechanical contact position indicator		Yes
Mechanical test actuator		Yes
ETIM classification		
ETIM 8.0		EC001437 - Switching relay