



Contact characteristics			
Contact configuration			2 C/O
Rated insulation voltage $U_i$ IEC/EN	V		250
Rated impulse withstand voltage $U_{imp}$	kV		6
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A		8
Maximum instantaneous current	A		10
Rated current ( $I_n$ )	A		8
Max contrrollable power in	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1		VA	2000
	230 VAC	VA	150
Rated operating power AC-15	30V	A	8
	110V	A	0.3
	220V	A	0.1
Minimum switching load	V / mA		5 / 100
	m $\Omega$		100
Contact impedance			Ag/Ni
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		24VAC
Average coil consumption AC at 20°C	VA		1
Operating range	Closing	% $U_n$	70...110
	Opening	% $U_n$	20...55
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	mm <sup>2</sup> 0.5
		max	mm <sup>2</sup> 2.5
Operating position			

		normal		Any
Fixing				On 35mm DIN rail and with screw
<b>Ambient conditions</b>				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+85
<b>Other features</b>				
	Indication			Yes
	Mechanical contact position indicator			Yes
	Mechanical test actuator			Yes
<b>ETIM classification</b>				
	ETIM 8.0			EC001437 - Switching relay