



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		10
Maximum instantaneous current	A		15
Rated current (I_n)	A		10
Max contrrollable power in	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1		VA	2500
Rated operating power AC-15	230 VAC	VA	360
Single-phase motor control	230VAC	kW	0,37
Rated operating current DC-1	30V	A	8
	110V	A	0,4
	220V	A	0,2
Minimum switching load	V / mA		5 / 100
Contact impedance	m Ω		100
Contact material	Ag/SnO ₂		

Operating times

Closing	ms		<15
Opening	ms		<20 (AC) / < 10 (DC)

Operations

Mechanical life	cycles		30000000
Electrical life AC1	cycles		100000

Coil characteristics

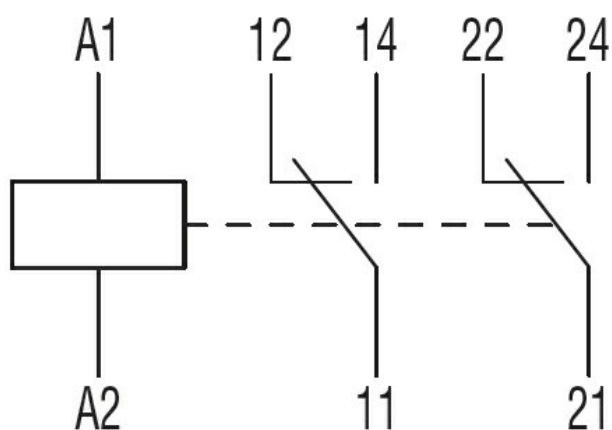
Relay control voltage	V		230VAC
Average coil consumption AC at 20°C	VA		0,9
Average coil consumption DC at 20°C	W		0,53
Operating range	Closing	% U_n	80...110
	Opening	% U_n	20...55

Maximum cycle frequency	cycles/h		1200
-------------------------	----------	--	------

Mechanical features

Max socket terminal tightening torque	Nm		1
Socket screw tightening tool (cross / flat blade)	PH1 / 4.5mm		
Conductor section	AWG/Kcmil		
	min		20
	max		14

IEC		min	mm ²	0.5
		max	mm ²	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		
Wiring diagrams				



Certifications and compliance	
Compliance	IEC/EN/BS 61810-1
Certificates	cURus
	TUV
ETIM classification	
ETIM 8.0	EC001437 - Switching relay