



Contact characteristics			
Contact configuration			1 C/O
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		4
IEC Conventional free air thermal current $I_{th} \leq 40^\circ C$	A		6
Maximum instantaneous current	A		20 (500ms)
Rated current (In)	A		6
UL/CSA and IEC/EN 60947-5-1 designation			B300 – R300
UL rating			6A 277VAC; 6A 30VDC
Max contrrollable power in			
	AC-1	W	1500
	AC-15	VA	360
Rated operating power AC-1		VA	1500
Rated operating power AC-15	230 VAC	VA	360
Single-phase motor control	230VAC	kW	0.186
Rated operating current DC-1			
	30V	A	6
	110V	A	0.2
	220V	A	0.12
Minimum switching load		V / mA	5 / 100
Contact impedance		m Ω	100
Contact material			Ag/Ni
Operating times			
Closing		ms	≤ 8
Opening		ms	≤ 4
Operations			
Mechanical life		cycles	10000000
Electrical life AC1		cycles	30000
Coil characteristics			
Relay control voltage		V	60VDC; 110...240VAC/DC
Average coil consumption DC at 20°C		W	0.2
Operating range			
	Closing	% U_n	≥ 75
	Opening	% U_n	≥ 5
Maximum cycle frequency		cycles/h	10000
Mechanical features			
Max socket terminal tightening torque		Nm	0.5
Socket screw tightening tool (cross / flat blade)			PH0 / 3.5mm
Conductor section			
	AWG/Kcmil		

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay