

Product designation				SLIM RELAY+SOCKET HRA101
Product type designation				HRA101
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}	A			6
Maximum instantaneous current	A			20 (500ms)
Rated current (I_n)	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 + socket			V	220...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			
		min	20	
		max	16	
	IEC			
		min	mm ²	0.5
		max	mm ²	1.5
Operating position				

	normal	Any
Fixing		On 35mm DIN rail
Ambient conditions		
Temperature		
Operating temperature	min °C	-40
	max °C	+70
Storage temperature	min °C	-40
	max °C	+80
Other features		
Indication		Yes (on the socket)
Mechanical contact position indicator		No
Mechanical test actuator		No
ETIM classification		
ETIM 8.0		EC001437 - Switching relay