

Product designation				SLIM RELAY+SOCKET
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
Max contrrollable power in	AC-1	W	1500	
	AC-15	VA	360	
Rated operating power AC-1			VA	1500
			230 VAC	360
Rated operating power AC-15			VA	360
			230VAC	0.186
Single-phase motor control			kW	0.186
			30V	A
			110V	A
Rated operating current DC-1			A	0.12
			220V	A
			220V	A
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
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