



Product designation	SLIM RELAY		
Product type designation	HR10		
Contact characteristics			
Contact configuration	1 C/O		
Rated insulation voltage Ui IEC/EN	V	250	
Rated impulse withstand voltage $Uimp$	kV	4	
IEC Conventional free air thermal current Ith	A	6	
Maximum instantaneous current	A	20 (500ms)	
Rated current (I_n)	A	6	
Relay control voltage	V	12VDC; 12VAC/DC	
UL/CSA and IEC/EN 60947-5-1 designation	B300 – R300		
UL rating	6A 277VAC; 6A 30VDC		
Max contrallable 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 110V 220V	A	6 0.2 0.12
Minimum switching load	V / mA		5 / 100
Contact impedance	mO		100
Contact material	Ag/Ni		
Operating times			
Closing	ms	\leq 8	
Opening	ms	\leq 4	
Operations			
Mechanical life	cycles	10000000	
Electrical life AC1	cycles	30000	
Coil characteristics			
Average coil consumption DC at 20°C	W	0.2	
Operating range	Closing Opening	% Un	\geq 75 \geq 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

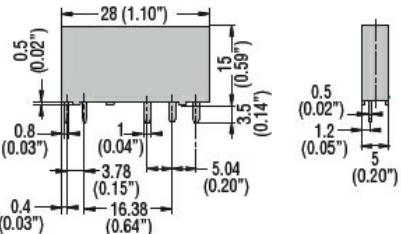
Temperature

	Operating temperature	min °C	-40
		max °C	+70
Storage temperature		min °C	-40
		max °C	+80

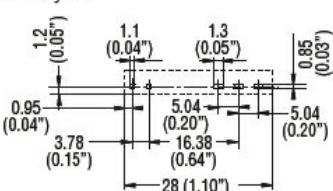
Other features

Indication	Yes (on the socket)
Mechanical contact position indicator	No
Mechanical test actuator	No

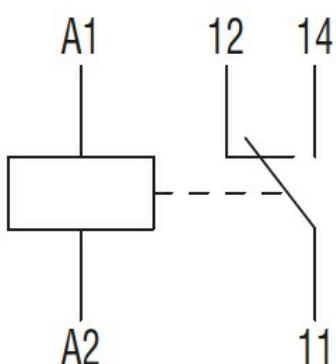
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay