



Product designation			SLIM RELAY
Product type designation			HR201A
Contact characteristics			
Contact configuration			1 Static
Rated insulation voltage Ui IEC/EN	V	2500 (input/output)	
IEC Conventional free air thermal current Ith	A	2	
Maximum instantaneous current	A	80 (10ms)	
Rated current (In)	A	2	
Relay control voltage	V	24VDC	
Max contrrollable power in	AC-1	W	1500
	AC-15	VA	360
Rated operating power AC-1		VA	2A output 24... 280VAC
Minimum switching load	V / mA	24 / 0.1	
Operating times			
Closing	ms	10	
Opening	ms	10	
Operations			
Mechanical life	cycles	Theoretically infinite	
Electrical life AC1	cycles	Theoretically infinite	
Coil characteristics			
Operating range		Closing	% Un 80...120
Maximum cycle frequency		cycles/h	>100000
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	mm²	0.5
	max	mm²	1.5
Operating position		normal	Any
Fixing			On 35mm DIN rail
Ambient conditions			
Temperature			

Operating temperature

min	°C	-30
max	°C	+80

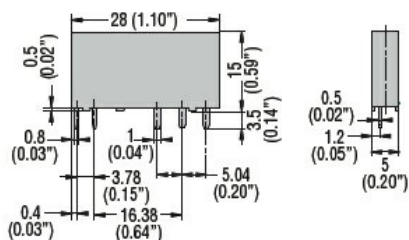
Storage temperature

min	°C	-30
max	°C	+100

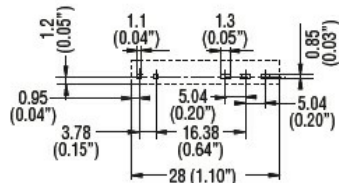
## Other features

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

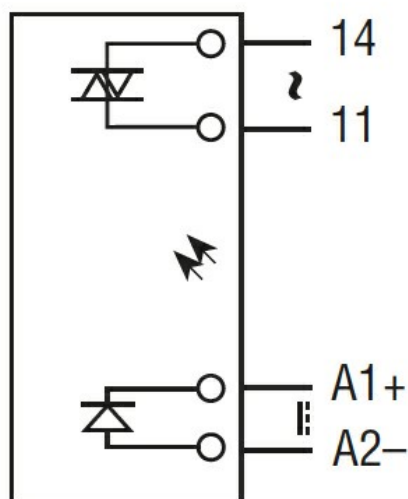
## Dimensions



PCB layout



## Wiring diagrams



## Certifications and compliance

Compliance

IEC/EN 62314

Certificates

cURus

TÜV-SUD

## ETIM classification

ETIM 8.0

EC002055 -  
Solid state relay