



Contact characteristics

Contact configuration	1 Static		
Rated insulation voltage U_i IEC/EN	V	2500 (input/output)	
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	4	
Maximum instantaneous current	A	48 (10ms)	
Rated current (I_n)	A	4	
Max contrallable power in	AC-1	W	1500
	AC-15	VA	360
Rated operating current DC-1	30V	A	4A output 3...28VDC
	V / mA		3 / 0.02
Minimum switching load	V / mA 3 / 0.02		

Operating times

Closing	ms	0.3
Opening	ms	0.3

Operations

Mechanical life	cycles	Theoretically infinite
Electrical life AC1	cycles	Theoretically infinite

Coil characteristics

Relay control voltage	V	24VDC
Operating range	Closing	% U_n 80...120
	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		mm ²	0.5	
	max	mm ²	1.5	

Operating position	normal		
	Any		
Fixing	On 35mm DIN rail		

Ambient conditions

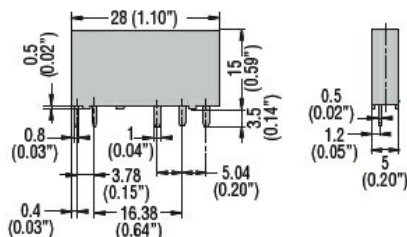
Temperature	Operating temperature		
	min	°C	-30

	max	°C	+80
Storage temperature	min	°C	-30
	max	°C	+100

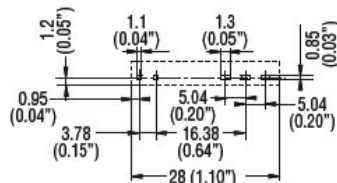
Other features

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

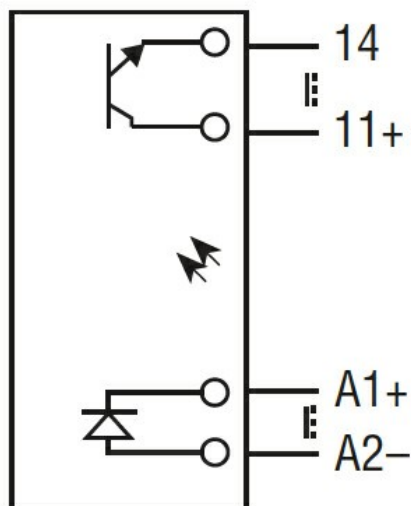
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 62314

Certificates

cURus

TÜV-SUD

ETIM classification

ETIM 8.0

EC002055 -
Solid state relay