



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	2	
Maximum instantaneous current	A	80	(10ms)
Rated current (I_n)	A	2	
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

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

Operating position	normal	Any
Fixing		On 35mm DIN rail

Ambient conditions

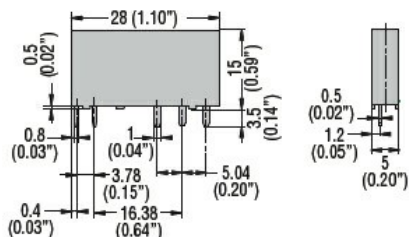
Temperature	Operating temperature	
	min	°C -30

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

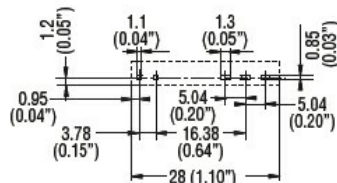
Other features

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

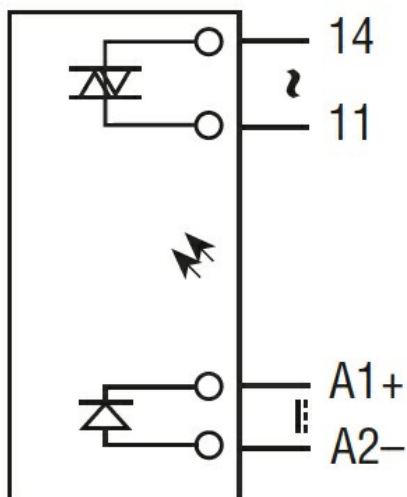
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 62314
Certificates	cURus
	TÜV-SUD

ETIM classification

ETIM 8.0	EC002055 - Solid state relay
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