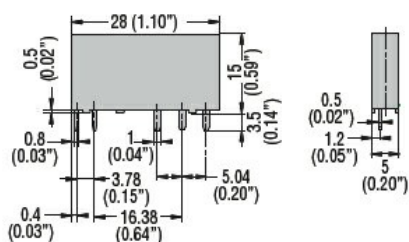


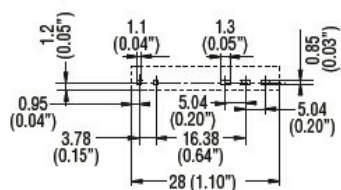


Product designation			SLIM RELAY
Product type designation			HR20
Contact characteristics			
Contact configuration			1 Static
Rated insulation voltage Ui IEC/EN	V		2500 (input/output)
IEC Conventional free air thermal current Ith	A		2
Maximum instantaneous current	A		80 (10ms)
Rated current (In)	A		2
Relay control voltage	V		24VDC
Max contrallable power in	AC-1	W	1500
	AC-15	VA	360
Rated operating power AC-1		VA	2A output 24... 280VAC
Rated operating power AC-15	230 VAC	VA	2A output 24... 280VAC
Single-phase motor control	230VAC	kW	2A output 24... 280VAC
Rated operating current DC-1	30V	A	2A output 24... 280VAC
	110V	A	2A output 24... 280VAC
	220V	A	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			

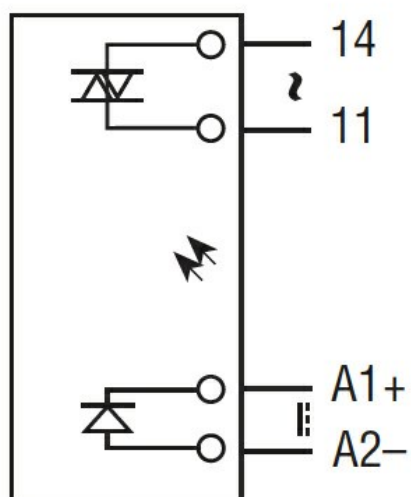
	AWG/Kcmil	min	20	
		max	16	
	IEC	min	mm ²	0.5
		max	mm ²	1.5
Operating position		normal	Any	
Fixing			On 35mm DIN rail	
Ambient conditions				
Temperature				
	Operating temperature	min	°C	-30
		max	°C	+80
	Storage temperature	min	°C	-30
		max	°C	+100
Other features				
Indication			Yes (on the socket)	
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