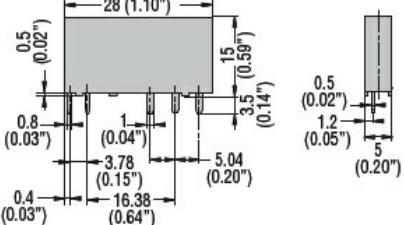
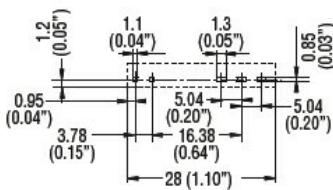
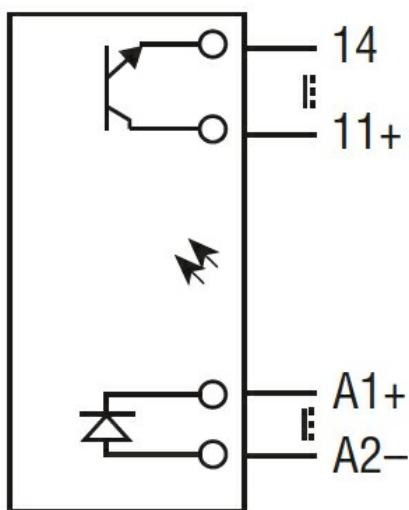




Product designation	SLIM RELAY				
Product type designation	HR20				
Contact characteristics					
Contact configuration	1 Static				
Rated insulation voltage $Ui$ IEC/EN	V	2500 (input/output)			
IEC Conventional free air thermal current $Ith$	A	4			
Maximum instantaneous current	A	48 (10ms)			
Rated current ( $In$ )	A	4			
Relay control voltage	V	24VDC			
Max contrallable power in	AC-1	W	1500		
	AC-15	VA	360		
Rated operating power AC-1	VA	4A output 3... 28VDC			
Rated operating power AC-15	230 VAC	VA	4A output 3... 28VDC		
Single-phase motor control	230VAC	kW	4A output 3... 28VDC		
Rated operating current DC-1	30V	A	4A output 3... 28VDC		
	110V	A	4A output 3... 28VDC		
	220V	A	4A output 3... 28VDC		
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					
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
IEC	min	mm <sup>2</sup> 0.5
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		
		
		
Wiring diagrams		



#### Certifications and compliance

##### Compliance

IEC/EN 62314

##### Certificates

cURus  
TÜV-SUD

#### ETIM classification

ETIM 8.0

EC002055 -  
Solid state relay