

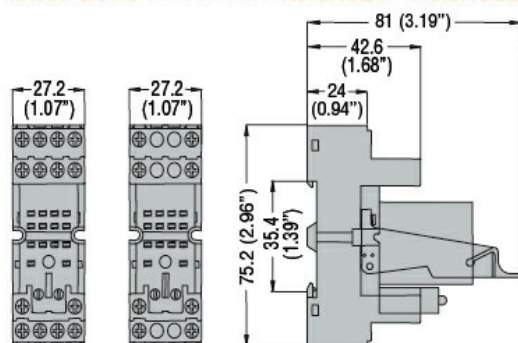


Product designation			INDUSTRIAL RELAYS
Contact characteristics			
Contact configuration			2 C/O
Rated insulation voltage Ui IEC/EN	V		500
Rated impulse withstand voltage Uimp	kV		4
IEC Conventional free air thermal current Ith	A		7
Rated current (In)	A		7
Relay control voltage	V		12VAC
Max contrallable power in	AC-1	W	7
Rated operating power AC-1		VA	1750
Rated operating power AC-15	230 VAC	VA	150
Single-phase motor control	230VAC	kW	0.37
Rated operating current DC-1	30V	A	12
	110V	A	0.3
	220V	A	0.1
Minimum switching load		V / mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times			
Closing		ms	<25
Opening		ms	<25
Operations			
Mechanical life		cycles	20000000
Electrical life AC1		cycles	100000
Coil characteristics			
Average coil consumption AC at 20°C		VA	1.7
Average coil consumption DC at 20°C		W	1.1
Operating range	Closing	% Un	70...110
	Opening	% Un	20...55
Maximum cycle frequency		cycles/h	3600
Mechanical features			
Max socket terminal tightening torque		Nm	0.6
Socket screw tightening tool (cross / flat blade)			PH1 / 4.5mm
Conductor section	AWG/Kcmil		
		min	20
		max	14
IEC			

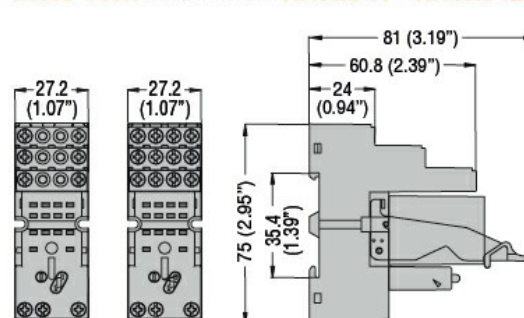
		min	mm ²	0.5
		max	mm ²	2.5
Operating position		normal		Any
Fixing		On 35mm DIN rail and with screw		
Ambient conditions				
Temperature				
	Operating temperature	min	°C	-40
		max	°C	+70
	Storage temperature	min	°C	-40
		max	°C	+80
Other features				
Indication		Yes		
Mechanical contact position indicator		Yes		
Mechanical test actuator		Yes		

Dimensions

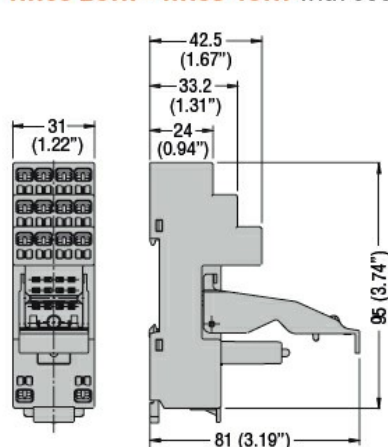
HR60 2C... with socket HR6XS21 - HR6XS22



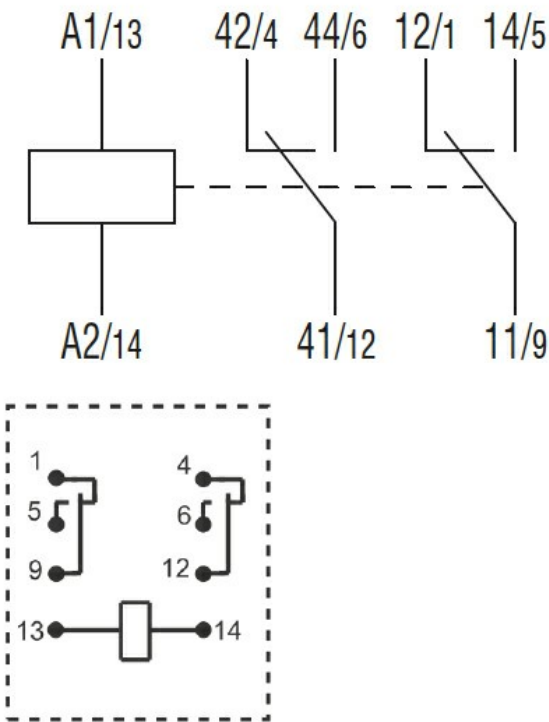
HR60 4C... with socket HR6XS41 - HR6XS42



HR60 2C... - HR60 4C... with socket HR6XS21S - HR6XS41S



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 61810
Certificates	CSA
	cURus
	EAC
	VDE

ETIM classification

ETIM 8.0	EC001437 - Switching relay
----------	----------------------------