



Product designation			INDUSTRIAL		
Product type designation			RELAYS		
			HR604C		
Contact characteristics					
Contact configuration			4 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	5	
Rated current (In)			A	5	
Relay control voltage			V	230VAC	
Max contrallable power in			AC-1	W	5
Rated operating power AC-1				VA	1250
Rated operating power AC-15			230 VAC	VA	150
Single-phase motor control			230VAC	kW	0.37
Rated operating current DC-1			30V	A	8
			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
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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

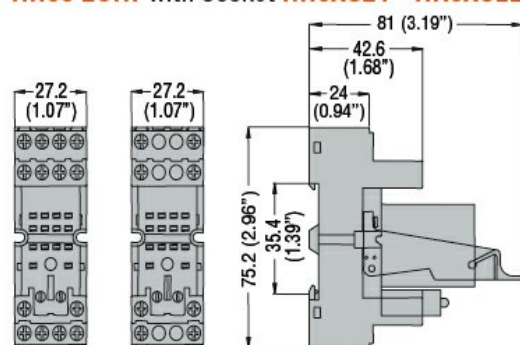
Yes

Mechanical test actuator

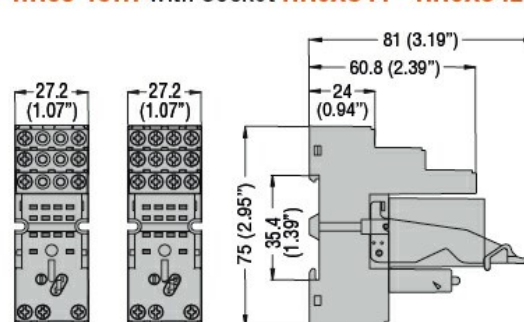
Yes

Dimensions

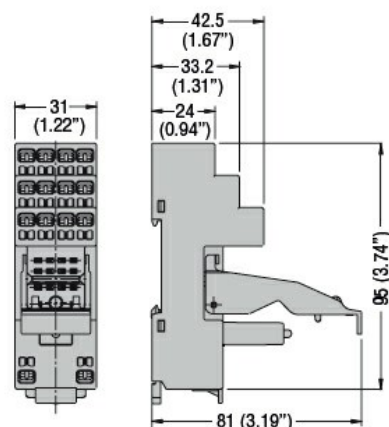
HR60 2C... with socket HR6XS21 - HR6XS22



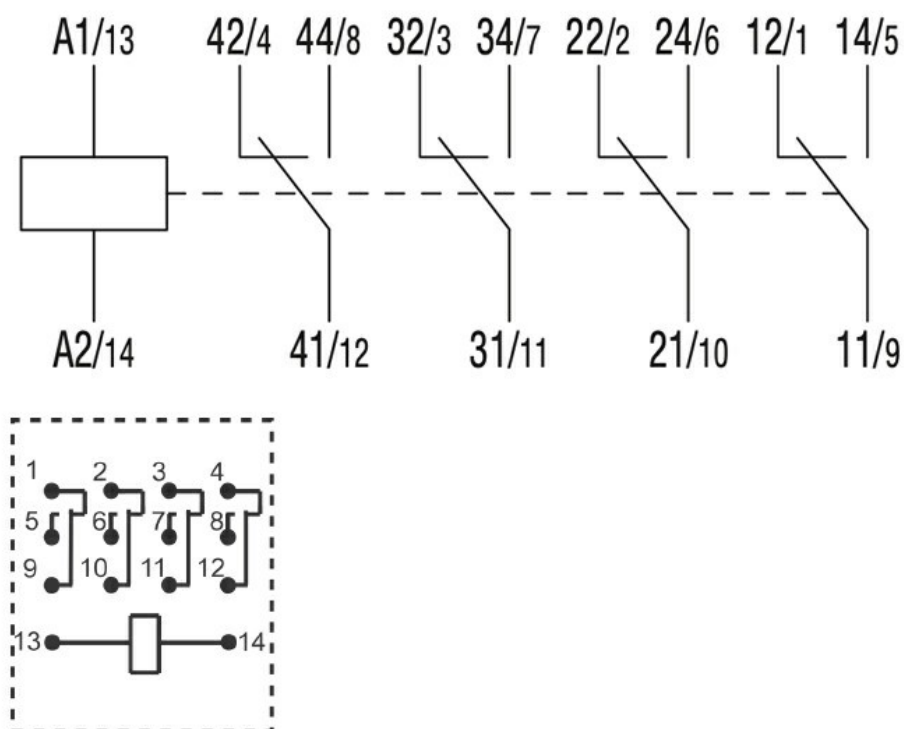
HR60 4C... with socket HR6XS41 - HR6XS42



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