



Product designation			Assembled industrial relays
Product type designation			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	24VDC
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 75...110
		Opening	% Un 10...30
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 <sup>2</sup>	0.5
max	mm <sup>2</sup>	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

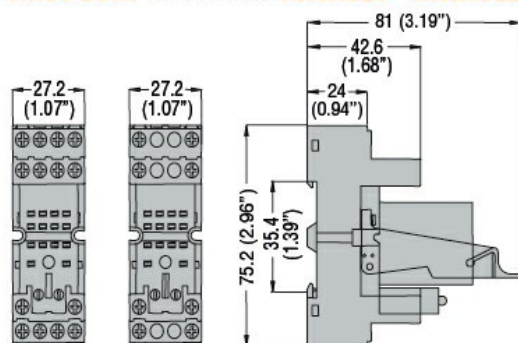
Yes

Mechanical test actuator

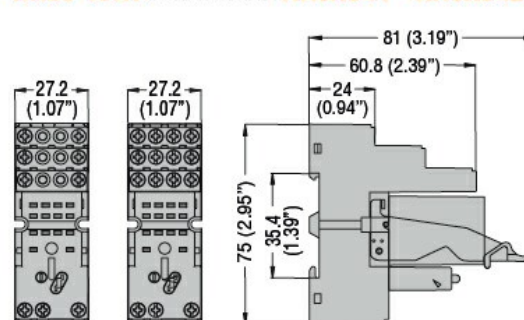
Yes

## Dimensions

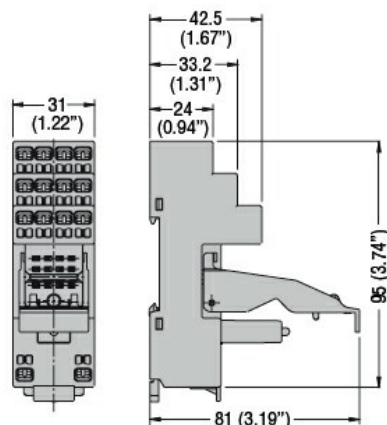
**HR60 2C... with socket HR6XS21 - HR6XS22**



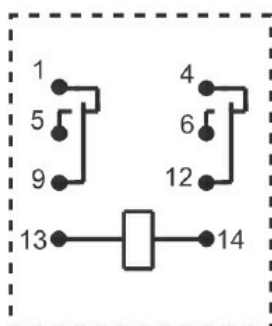
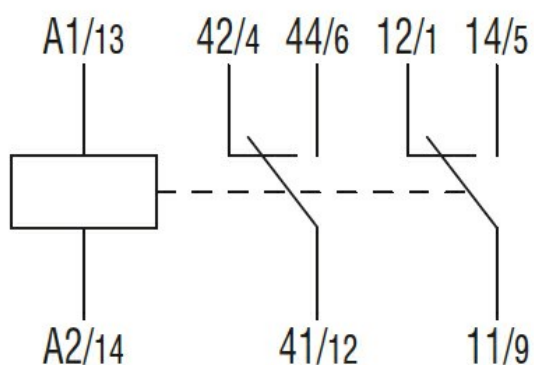
**HR60 4C... with socket HR6XS41 - HR6XS42**



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



## Wiring diagrams



#### Certifications and compliance

Compliance

IEC/EN 61810

#### ETIM classification

ETIM 8.0

EC001437 -  
Switching relay