



Product designation	INDUSTRIAL RELAYS				
Product type designation	HR602C				
<b>Contact characteristics</b>					
Contact configuration	2 C/O				
Rated insulation voltage $U_i$ IEC/EN	V	500			
Rated impulse withstand voltage $U_{imp}$	kV	4			
IEC Conventional free air thermal current $I_{th}$	A	7			
Rated current ( $I_n$ )	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				
<b>Operating times</b>					
Closing	ms	<25			
Opening	ms	<25			
<b>Operations</b>					
Mechanical life	cycles	20000000			
Electrical life AC1	cycles	100000			
<b>Coil characteristics</b>					
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				
<b>Mechanical features</b>					
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

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

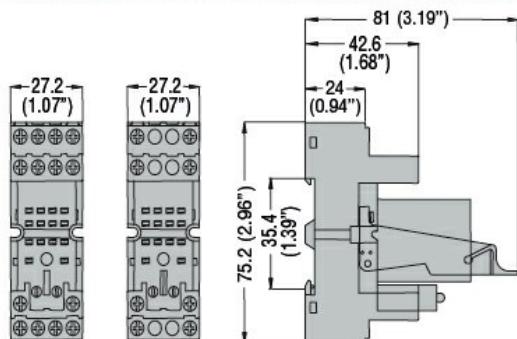
Yes

Mechanical test actuator

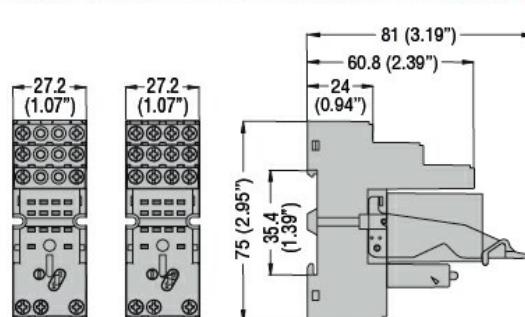
Yes

Dimensions

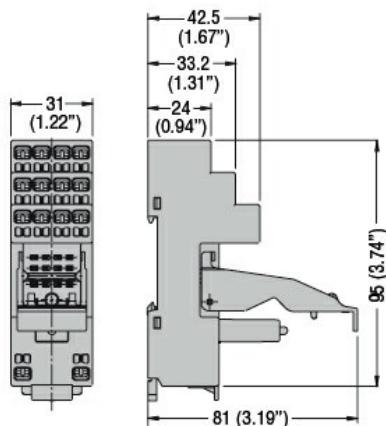
**HR60 2C... with socket HR6XS21 - HR6XS22**



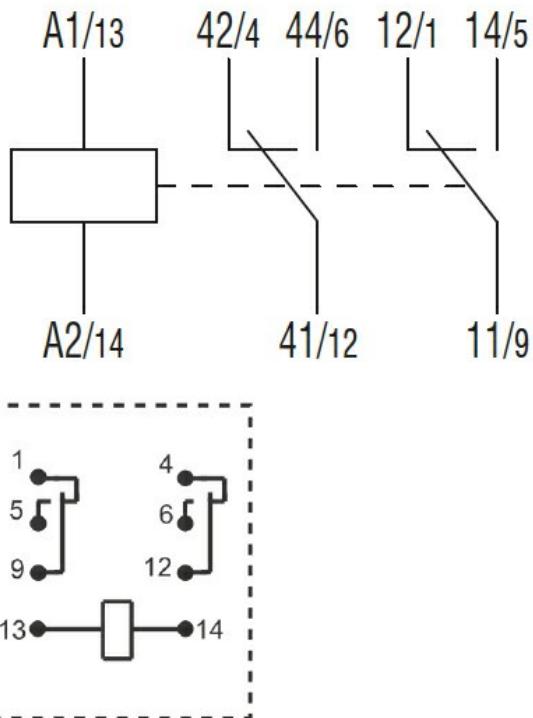
**HR60 4C... with socket HR6XS41 - HR6XS42**



**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