



Contact characteristics

Contact configuration	4 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 $I_{th} \leq 40^\circ\text{C}$	A	5	
Rated current (I_n)	A	5	
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	m Ω	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

Relay control voltage	V	110VAC
Average coil consumption AC at 20°C	VA	1.7
Average coil consumption DC at 20°C	W	1.1

Operating range

	Closing	% U_n	70...110
	Opening	% U_n	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

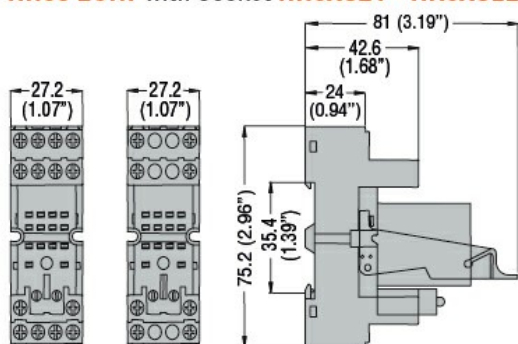
Yes

Mechanical test actuator

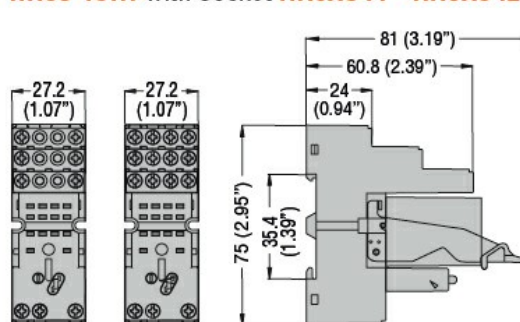
Yes

Dimensions

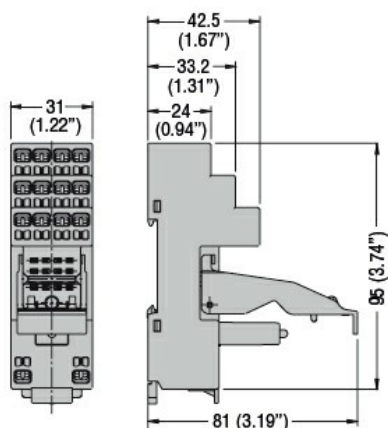
HR60 2C... with socket HR6XS21 - HR6XS22



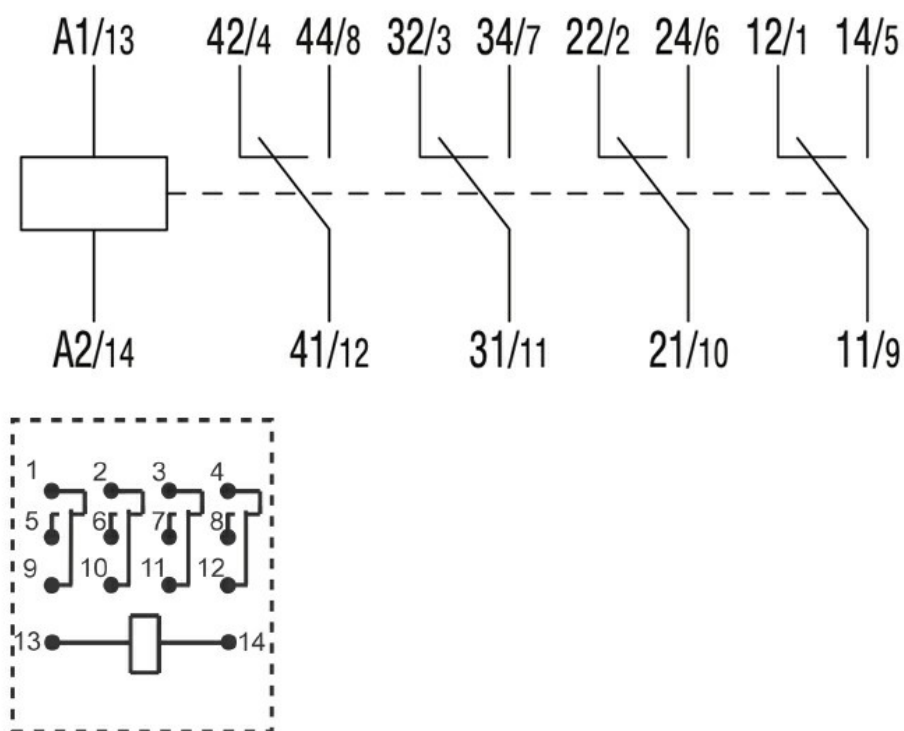
HR60 4C... with socket HR6XS41 - HR6XS42



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