



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 ≤ 40°C		A	5
Rated current (In)		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		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

Relay control voltage	V	230VAC	
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

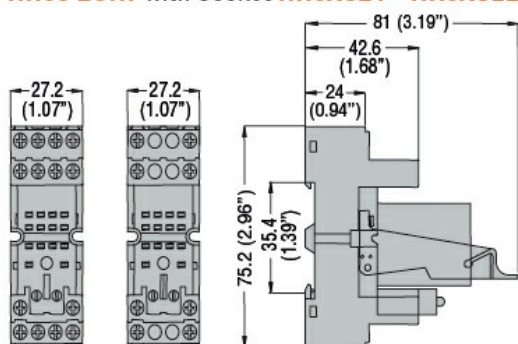
Yes

Mechanical test actuator

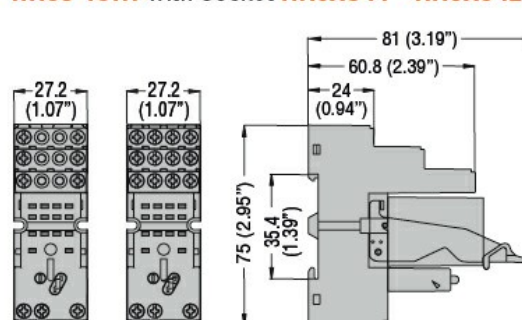
Yes

Dimensions

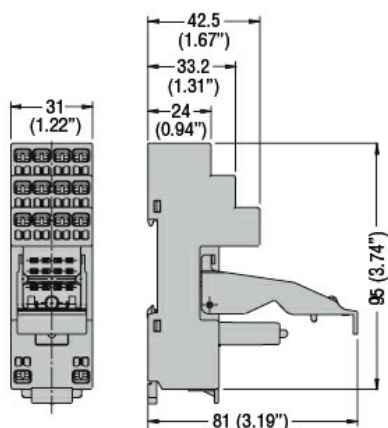
HR60 2C... with socket HR6XS21 - HR6XS22



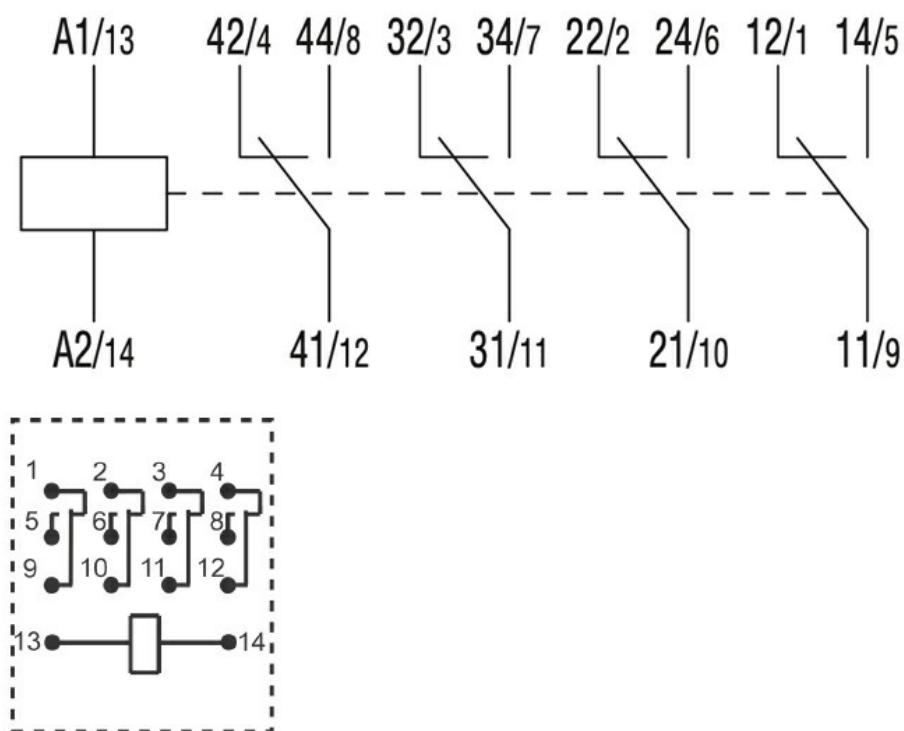
HR60 4C... with socket HR6XS41 - HR6XS42



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