



Contact characteristics

Contact configuration			4 C/O
Rated insulation voltage Ui IEC/EN	V		250
Rated impulse withstand voltage Uimp	kV		4
IEC Conventional free air thermal current Ith ≤ 40°C	A		5
Rated current (In)	A		5
Max contrrollable power in	AC-1	W	1250
	AC-15	VA	150
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	AgSnO2		

Operating times

Closing	ms	<25
Opening	ms	<25

Operations

Mechanical life	cycles	20000000
Electrical life AC1	cycles	100000

Coil characteristics

Relay control voltage	V	24VDC
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 75...110
	Opening	% U_n 10...30
Maximum cycle frequency	cycles/h	3600

Mechanical features

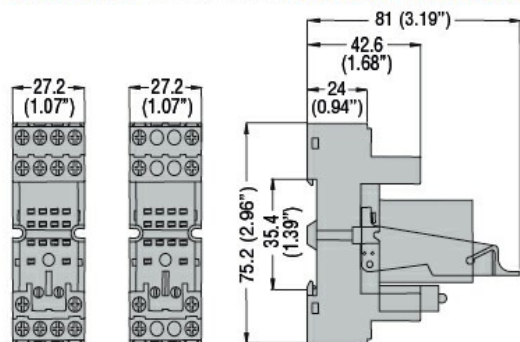
Max socket terminal tightening torque	Nm	0.6
Socket screw tightening tool (cross / flat blade)	PH1 / 4.5mm	
Conductor section	AWG/Kcmil	
	min	20
	max	14
	IEC	
	min	mm ² 0.5

	max	mm²	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

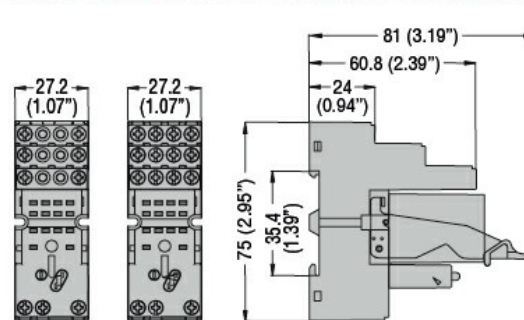
Other features			
Indication	Yes		
Mechanical contact position indicator	Yes		
Mechanical test actuator	Yes		

Dimensions

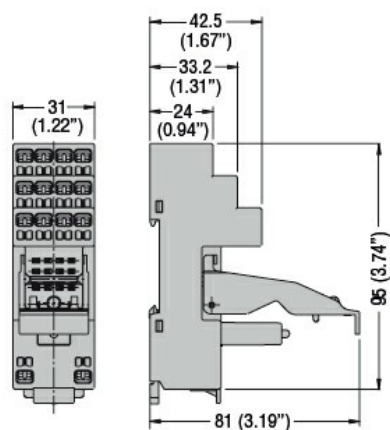
HR60 2C... with socket HR6XS21 - HR6XS22



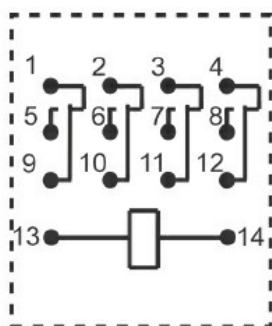
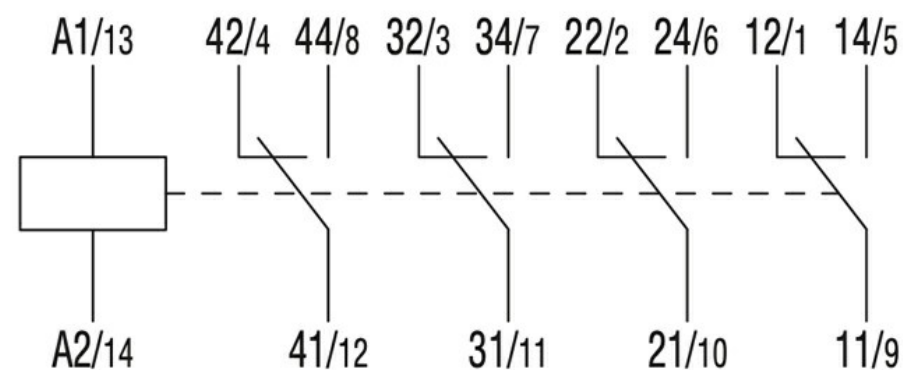
HR60 4C... with socket HR6XS41 - HR6XS42



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



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

ETIM classification

ETIM 8.0

EC001437 -
Switching relay