# INDUSTRIAL RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 230VAC, 5A, 4 C/O CONTACT. FITTING ON SOCKET HR6XS4...

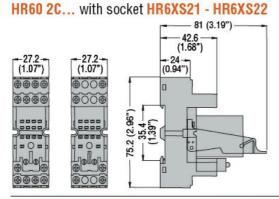


Product type designation	Product designation			INDUSTRIAL RELAYS
Contact characteristics         4 C/O           Contact configuration voltage Ui IEC/EN         V 500           Rated insulation voltage Ui IEC/EN         V 500           Rated insulation voltage Withstand voltage Uimp         kV 4           IEC Conventional free air thermal current Ith         A 5           Rated current (In)         A 5           Rated current (In)         A 5           Rated control voltage         V 230VAC           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         230 VAC         kW 0.37           Rated operating current DC-1         30 V A 8         8           110V A 0.3         3         10 V M 0.3           Rated operating current DC-1         30 V A 8         8           Minimum switching load         V / mA 5/100           Contact impedance         m© 100           Contact impedance         m© 100           Contact material         gy/Ni           Operating times         25           Closing         ms < 25	Product type designation			
Contact configuration         4 C/O           Rated insulation voltage Uil IEC/EN         V 500           Rated insulation voltage Uimp         kV 4           IEC Conventional free air thermal current Ith         A 5           Rated current (In)         A 5           Relay control voltage         V 230VAC           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         8           110V A 0.3         30V A 0.1         8           Minimum switching load         V / mA 5 / 100           Contact impedance         mQ 100           Contact material         mQ 100           Operating times         Closing           Closing         ms < 25	· · · · · ·			11110040
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         230VAC           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         230 VAC         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         0.3         220V         A         0.1           Contact impedance         mΩ         100         0.0         0				4 C/O
Rated impulse withstand voltage Ulimp	<u>-</u>		V	
EC Conventional free air thermal current lth Rated current (In)				
Rated current (In)         A         5           Relay control voltage         V         230VAC           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         5 / 100         100				
Relay control voltage         V         230VAC           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         0         0         100         0         0         100         0         0         0         100         0         0         100         0         0         0         100         0         0         0         100         0         0         0         0         0         0         100         0				
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         5 / 100         0         0         0         0         100         0         0         0         100         0         0         0         100         0         0         0         100         0         0         0         100         0 <td></td> <td></td> <td></td> <td></td>				
AC-1         W         5           Rated operating power AC-15         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         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         0         0         0         0         1         0         0         0         1         0         0         0         0         1         0 <t< td=""><td><u> </u></td><td></td><td>v</td><td>250770</td></t<>	<u> </u>		v	250770
Rated operating power AC-15           Rated operating power AC-15         230 VAC         VA         150           Single-phase motor control         230 VAC         kW         0.37           Rated operating current DC-1         30V A         8         110V A         0.3         220V A         0.1         0.0	iviax contraliable power in	ΔC-1	۱۸/	5
VA 1250           Rated operating power AC-15         230 VAC         VA 150           Single-phase motor control         230 VAC         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         Total stream of the	Rated operating power AC-1	70-1	VV	3
Rated operating power AC-15         230 VAC         VA         150           Single-phase motor control         230 VAC         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         5 / 100         5 / 100         100	Nated operating power AO-1		١/٨	1250
Single-phase motor control   230 VAC	Pated operating power AC-15		VA	1230
Single-phase motor control   230VAC   kW   0.37	Nated operating power AC-13	220 \/\C	١/٨	150
Rated operating current DC-1   30V	Cingle phase meter central	230 VAC	VA	150
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       ms <25	Single-phase motor control	2201/40	1.1.1.1	0.07
30V	Dated an austing accurant DC 4	230VAC	KVV	0.37
110V	Rated operating current DC-1	201/	۸	0
Minimum switching load				
Minimum switching load         V / mA         5 / 100           Contact impedance         mΩ         100           Contact material         Ag/Ni           Operating times         Closing         ms         <25				
Contact impedance         mΩ         100           Contact material         Ag/Ni           Operating times         Secondary           Closing         ms         <25           Opening         ms         <25           Operations         Wechanical life         cycles         20000000           Electrical life AC1         cycles         100000           Coil characteristics         VA         1.7           Average coil consumption AC at 20°C         VA         1.7           Average coil consumption DC at 20°C         W         1.1           Operating range         Closing Opening W Un 2055         W         1.1           Opening Acceptable frequency         Cycles/h         3600         3600           Mechanical features         Nm         0.6         300         3	NO. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	220V		
Contact material         Ag/Ni           Operating times         Closing         ms         <25           Opening         ms         <25				
Operating times         Second or section         Ms         <25           Opening         ms         <25	·		mΩ	
Closing         ms         <25           Opening         ms         <25				Ag/Ni
Opening         ms         <25           Operations         Mechanical life         cycles         20000000           Electrical life AC1         cycles         100000           Coil characteristics         VA         1.7           Average coil consumption AC at 20°C         VA         1.1           Operating range         Closing % Un 70110         70110           Opening % Un 2055         2055           Maximum cycle frequency         cycles/h 3600           Mechanical features         Nm 0.6           Socket screw tightening torque         Nm 0.6           Socket screw tightening tool (cross / flat blade)         PH1 / 4.5mm           Conductor section         AWG/Kcmil				
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 Opening W Un 70110           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	-		ms	
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 Opening % Un 2055           Maximum cycle frequency         cycles/h 3600           Mechanical features         Nm 0.6           Socket screw tightening torque         Nm 0.6           Socket screw tightening tool (cross / flat blade)         PH1 / 4.5mm           Conductor section         AWG/Kcmil			ms	<25
Electrical life AC1	•			
Coil characteristics  Average coil consumption AC at 20°C  Average coil consumption DC at 20°C  Operating range  Closing % Un 70110 Opening % Un 2055  Maximum cycle frequency  Max socket terminal tightening torque  Socket screw tightening tool (cross / flat blade)  Conductor section  AWG/Kcmil  Max socket terminal tightening tool (cross / flat blade)  AWG/Kcmil			cycles	20000000
Average coil consumption AC at 20°C  Average coil consumption DC at 20°C  Operating range  Closing % Un 70110 Opening % Un 2055  Maximum cycle frequency  Mechanical features  Max socket terminal tightening torque  Socket screw tightening tool (cross / flat blade)  Conductor section  AWG/Kcmil  min 20	Electrical life AC1		cycles	100000
Average coil consumption DC at 20°C W 1.1  Operating range  Closing % Un 70110 Opening % Un 2055  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	Coil characteristics			
Operating range  Closing % Un 70110 Opening % Un 2055  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	Average coil consumption AC at 20°C		VA	1.7
Closing Opening % Un 70110 Opening % Un 2055  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	Average coil consumption DC at 20°C		W	1.1
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	Operating range			
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		Closing	% Un	70110
Max socket terminal tightening torque  Max socket screw tightening tool (cross / flat blade)  Conductor section  AWG/Kcmil  min  20		Opening	% Un	2055
Max socket terminal tightening torque Nm 0.6 Socket screw tightening tool (cross / flat blade) PH1 / 4.5mm  Conductor section  AWG/Kcmil min 20	Maximum cycle frequency		cycles/h	3600
Socket screw tightening tool (cross / flat blade)  Conductor section  AWG/Kcmil  min 20	, , ,			
Socket screw tightening tool (cross / flat blade)  Conductor section  AWG/Kcmil  min 20	Max socket terminal tightening torque		Nm	0.6
Conductor section  AWG/Kcmil  min 20				
AWG/Kcmil min 20				
min 20				
		min		20
THE				
				•

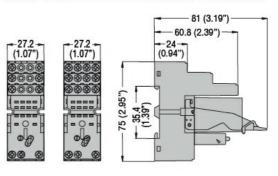


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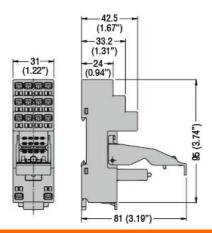
	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+80
Other features				
Indication				Yes
Mechanical contact po	sition indicator			Yes
Mechanical test actuat	tor			Yes
Dimensions [mm (in)]				



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



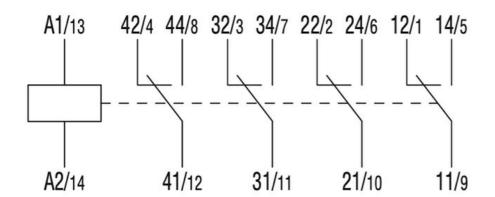
## HR60 2C... - HR60 4C... with socket HR6XS21S - HR6XS41S

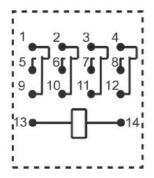


Wiring diagrams

**ENERGY AND AUTOMATION** 

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# Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

**ETIM 8.0** 

EC001437 -Switching relay