



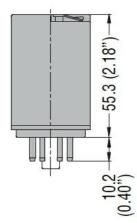
Product type designation         HR703C           Contact characteristics	Product designation			11-PIN INDUSTRIAL RELAYS
Contact configuration         3 C/O           Rated insulation voltage Uin IEC/EN         V         250           Rated insulation voltage Uinp         kV         6           IEC Conventional free air thermal current Ith         A         10           Rated inpulse withstand voltage Uinp         kV         6           IEC Conventional free air thermal current Ith         A         10           Rated operating power AC-1         VA         230VAC           Rated operating power AC-15         230 VAC         VA         500           Single-phase motor control         230VAC         VA         500           Single-phase motor control         230VAC         VA         500           Minimum switching load         V / mA         5 / 100         Contact impedance         mΩ         10           Cosing         ms< <30	Product type designation			HR703C
Rated insulation voltage Ui IEC/EN         V         250           Rated impulse withstand voltage Uimp         KV         6           IEC Conventional free air thermal current lth         A         10           Rated current (In)         A         10           Relay control voltage         V         230VAC           Rated operating power AC-1         VA         2500           Rated operating power AC-15         VA         2500           Single-phase motor control         230VAC         VA         500           Single-phase motor control         230VAC         KW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact material         Ag/Ni           Operating times         U         Contact material         Ag/Ni         Operating times         S00           Closing         ms< <30				a a /a
Rated impulse withstand voltage Uimp         kV         6           IEC Conventional free air thermal current lth         A         10           Rated current (In)         A         10           Rated operating power AC-1         V         230VAC           Rated operating power AC-15         230 VAC         VA           Single-phase motor control         230VAC         VM           Minimum switching load         V / mA         5/100           Contact impedance         mQ         10           Contact impedance         mQ         100           Contact material         Ag/Ni         00           Operating times				
IEC Conventional free air thermal current lth         A         10           Rated current (In)         A         10           Relay control voltage         V         230VAC           Rated operating power AC-15         VA         2500           Single-phase motor control         230VAC         VA         500           Single-phase motor control         230VAC         VA         500           Minimum switching load         V / mA         5/100         Contact impedance         mΩ         100           Contact material         Ag/Ni         000         Contact material         Ag/Ni         000           Operating times            300         Ag/Ni         000           Closing         ms< <30				
Rated current (In)         A         10           Relay control voltage         V         230VAC           Rated operating power AC-1         VA         2500           Rated operating power AC-15         230 VAC         VA         500           Single-phase motor control         230VAC         KW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact impedance           Contact impedance         mΩ         100         Contact material         Ag/Ni           Operating times         0         V/ mA         5 / 100         Contact material         Ag/Ni           Operating times         0         ms< <30				
Relay control voltage         V         230VAC           Rated operating power AC-1         VA         2500           Rated operating power AC-15         230 VAC         VA         500           Single-phase motor control         230VAC         KW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact impedance         mQ         100           Contact impedance         mQ         100         Ag/Ni         Operating times				
Rated operating power AC-1       VA       2500         Rated operating power AC-15       230 VAC       VA       500         Single-phase motor control       230VAC       kW       1.2         Rated operating current DC-1       30V       A       10         Minimum switching load       V / mA       5 / 100         Contact impedance       mQ       100         Contact material       Ag/Ni         Operating times				
VA         2500           Rated operating power AC-15         230 VAC         VA         500           Single-phase motor control         230 VAC         kW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact impedance         mΩ         100           Contact impedance         mΩ         100         Ag/Ni         Operating times			V	230VAC
Rated operating power AC-15       230 VAC       VA       500         Single-phase motor control       230VAC       KW       1.2         Rated operating current DC-1       30V       A       10         Minimum switching load       V/mA       5 / 100       Contact impedance       mΩ       100         Contact impedance       mΩ       100       Ag/Ni       Operating times	Rated operating power AC-1		٧/۵	2500
230 VAC         VA         500           Single-phase motor control         230VAC         kW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact impedance         mQ         100           Contact impedance         mQ         100         Ag/Ni         Operating times	Rated operating power AC-15		VA	2000
230VAC         kW         1.2           Rated operating current DC-1         30V         A         10           Minimum switching load         V / mA         5 / 100         Contact impedance         mQ         100           Contact impedance         mQ         100         Ag/Ni         Operating times         Ag/Ni           Operating times		230 VAC	VA	500
Rated operating current DC-130VA10Minimum switching loadV / mA5 / 100Contact impedancemΩ100Contact materialAg/NiOperating timesClosingms<30	Single-phase motor control			
$\begin{tabular}{ c c c c c } \hline 30V & A & 10 \\ \hline Minimum switching load & V / mA & 5 / 100 \\ \hline Contact impedance & m\Omega & 100 \\ \hline Contact material & Ag/Ni & \hline Operating times & & & & & & & & & & & & & & & & & & &$		230VAC	kW	1.2
Minimum switching load       V / mA       5 / 100         Contact impedance       mΩ       100         Contact material       Ag/Ni         Operating times	Rated operating current DC-1			
Contact impedance         mΩ         100           Contact material         Ag/Ni           Operating times         ms         <30		30V	А	10
Contact material       Ag/Ni         Operating times       ms       <30	Minimum switching load		V/mA	5 / 100
Operating times       ms       <30	Contact impedance		mΩ	100
Closing       ms       <30	Contact material			Ag/Ni
Opening       ms       <30	Operating times			
Operations         Mechanical life       cycles       500000         Electrical life AC1       cycles       10000         Coil characteristics	Closing		ms	<30
Mechanical life       cycles       500000         Electrical life AC1       cycles       10000         Coil characteristics         Average coil consumption AC at 20°C       VA       3         Average coil consumption DC at 20°C       W       1.5         Operating range       Closing       % Un       70110         Operating range       Closing       % 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       IEC         min       20       max       14	Opening		ms	<30
Electrical life AC1       cycles       100000         Coil characteristics       Xverage coil consumption AC at 20°C       VA       3         Average coil consumption DC at 20°C       W       1.5         Operating range       Closing       % Un       70110         Opening       % Un       2055       3600         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       PH1 / 4.5mm         Conductor section       AWG/Kcmil       min       20         Max       14       IEC       min       20	Operations			
Coil characteristics         Average coil consumption AC at 20°C       VA       3         Average coil consumption DC at 20°C       W       1.5         Operating range       Closing % Un       % Un       70110 2055         Maximum cycle frequency       cycles/h       3600         Mechanical features       VM       0.6         Socket screw 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       mm²       0.5	Mechanical life		cycles	5000000
Average coil consumption AC at 20°C       VA       3         Average coil consumption DC at 20°C       W       1.5         Operating range       Closing       % Un       70110         Opening       % Un       2055       2055         Maximum cycle frequency       cycles/h       3600         Mechanical features       VM       0.6         Socket screw tightening torque       Nm       0.6         Socket screw tightening tool (cross / flat blade)       PH1 / 4.5mm         Conductor section       AWG/Kcmil       min       20         IEC       min       min       20         min       mm       0.5	Electrical life AC1		cycles	100000
Average coil consumption DC at 20°C       W       1.5         Operating range       Closing       % Un       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       14         IEC       min       mmm²         min       mm²       0.5	Coil characteristics			
Operating range       Closing Model of Closing Opening Work of Closing	Average coil consumption AC at 20°C		VA	3
Closing Opening       % Un % Un       70110 2055         Maximum cycle frequency       cycles/h       3600         Mechanical features       Nm       0.6         Max socket terminal tightening torque       Nm       0.6         Socket screw tightening tool (cross / flat blade)       PH1 / 4.5mm         Conductor section       AWG/Kcmil       min         IEC       min       mm²         min       mm²       0.5	Average coil consumption DC at 20°C		W	1.5
Opening% Un2055Maximum cycle frequencycycles/h3600Mechanical featuresMm0.6Max socket terminal tightening torqueNm0.6Socket screw tightening tool (cross / flat blade)PH1 / 4.5mmConductor sectionAWG/KcmilIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Operating range			
Maximum cycle frequency       cycles/h       3600         Mechanical features       Max socket terminal tightening torque       Nm       0.6         Max socket screw tightening tool (cross / flat blade)       PH1 / 4.5mm         Conductor section       AWG/Kcmil       min       20         Max       14       14         IEC       min       mm       0.5		Closing	% Un	70110
Mechanical features       Nm       0.6         Max socket terminal tightening torque       Nm       0.6         Socket screw tightening tool (cross / flat blade)       PH1 / 4.5mm         Conductor section       AWG/Kcmil       min		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       Imin         AWG/Kcmil       14         IEC       min       mm²         0.5	Maximum cycle frequency		cycles/h	3600
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	Mechanical features			
Conductor section          AWG/Kcmil       min       20         max       14         IEC       min       mmm²         min       mm²       0.5	Max socket terminal tightening torque		Nm	0.6
Conductor section          AWG/Kcmil       min       20         max       14         IEC       min       mmm²         min       mm²       0.5	Socket screw tightening tool (cross / flat blade)			PH1 / 4.5mm
min         20           max         14           IEC         min         mm²         0.5				
min         20           max         14           IEC         min         mm²         0.5	AWG/Kcmil			
IEC min mm <sup>2</sup> 0.5		min		20
IEC min mm <sup>2</sup> 0.5				
min mm² 0.5	IEC			
		min	mm²	0.5



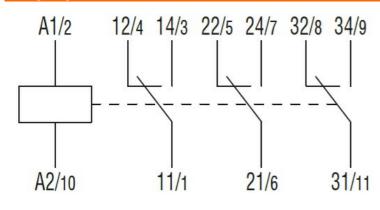
## HR703CA230 11-PIN INDUSTRIAL RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 230VAC, 10A, 3 C/O CONTACTS, FITTING ON SOCKET HR7XS2

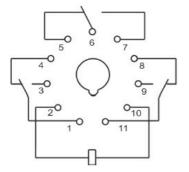
Operating position

operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Other features				
Indication				Yes
Mechanical contact p	osition indicator			Yes
Mechanical test actua	ator			Yes
Dimensions [mm (in)				



Wiring diagrams







## HR703CA230 11-PIN INDUSTRIAL RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 230VAC, 10A, 3 C/O CONTACTS, FITTING ON SOCKET HR7XS2

ENERGY AND AUTOMATION

Certifications and compliance					
Compliance					
	IEC/EN 61810				
Certificates					
	CSA				
	cURus				
	EAC				
ETIM classificatio	n .				
ETIM 8.0		EC001437 -			

HR703CA230

Switching relay