



Product type designation	Product designation				Auxiliary contactor
Section Sect	Product type designat				
Number of poles					201 00
Rated insulation voltage Ui IEC/EN V 690		-		Nr.	4
Rated impulse withstand voltage Uimp		ge Ui IEC/EN			
Max number of wires simultaneously connectable Max number of wires simultaneously conductor section Max number of wires simultaneously connectable Max number of wires simultaneously connectable Max number of wires simultaneously connectable Nr. 2 Flexible w/o lug conductor section min num num num num num num num num num nu				kV	
Max number of wires simultaneously connectable AWG/Kcmil AWG		· · · · · · · · · · · · · · · · · · ·			
EC Conventional free air thermal current Ith Short-time allowable current for 10s (IEC/EN60947-1)			min	Hz	25
Short-time allowable current for 10s (IEC/EN60947-1)			max	Hz	400
Protection fuse gG (IEC)	IEC Conventional free	air thermal current Ith		Α	10
Tightening torque for terminals	Short-time allowable	current for 10s (IEC/EN60947-1)		Α	0
Tightening torque for terminals	Protection fuse				
Min			gG (IEC)	Α	16
Max Nm 1 1 9 1 1 1 1 1 1 1	Tightening torque for t	terminals			,
Min Min			min	Nm	0.8
Tightening torque for coil terminal			max	Nm	1
Tightening torque for coil terminal			min	lbin	9
Min Nm 0.8 max Nm 1 min lbin 9 max lbin lb			max	lbin	9
Max number of wires simultaneously connectable Max number of wires simultaneously connectable Nr. 2	Tightening torque for	coil terminal			
min max Ibin bin bin bin bin 9 Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil Flexible w/o lug conductor section max 12 Flexible w/o lug conductor section min mm² mm² 2.5 2.5 Flexible c/w lug conductor section min mm² mm² 2.5 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² mm² 2.5 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 IP20 when properly wired Mechanical features Normal allowable 4.30° Fixing Screw / DIN rail 35mm			min	Nm	0.8
Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 12 Flexible w/o lug conductor section min mm² mm² mm² mm² mm² mm² mm² mm² mm² mm			max	Nm	1
Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 12 Flexible w/o lug conductor section min mm² mm² 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² mm² 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 IP20 when properly wired Mechanical features Operating position normal allowable Vertical plan ±30° Fixing Screw / DIN rail 35mm			min	lbin	9
AWG/Kcmil max 12			max		
AWG/Kcmil max 12	·			Nr.	2
Max	Conductor section				
Flexible w/o lug conductor section min mm² 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² nm² 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² nm² 2.5 Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal allowable 1.5 Power terminal protection according to IEC/EN 60529 Fixing Fixing		AWG/Kcmil			
Min mm² mm² 0.75 max mm² 2.5			max		12
Fixing Max mm² 2.5 Flexible c/w lug conductor section min mm² 1.5 max mm² 2.5 max mm² 2.5		Flexible w/o lug conductor section	_	_	
Flexible c/w lug conductor section min mm² 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal allowable ±30° Fixing Fixing Screw / DIN rail 35mm					
min mm² 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position Fixing Tormal allowable ±30° Screw / DIN rail 35mm			max	mm²	2.5
Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 2.5 min mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal normal allowable ±30° Fixing Fixing		Flexible c/w lug conductor section		2	4 =
Flexible with insulated spade lug conductor section min mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal vertical plan allowable ±30° Fixing Fixing					
min mm² 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal vertical plan allowable ±30° Fixing Screw / DIN rail 35mm		Elevible with insulated and do live conductor as stice	max	mm-	2.5
Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal normal allowable ±30° Fixing Screw / DIN rail 35mm		riexible with insulated spade lug conductor section	min	mm²	1.5
Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal Vertical plan allowable ±30° Fixing Screw / DIN rail 35mm					
Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal Vertical plan allowable ±30° Fixing Screw / DIN rail 35mm	-		Шах	111111	
Mechanical features Operating position normal Vertical plan allowable ±30° Fixing Screw / DIN rail 35mm	Power terminal protect	ction according to IEC/EN 60529			
Operating position normal Vertical plan allowable ±30° Fixing Screw / DIN rail 35mm	Mechanical features				proporty milou
normal Vertical plan allowable ±30° Fixing Screw / DIN rail 35mm					
Fixing Screw / DIN rail 35mm	- It as asserted becomes		normal		Vertical plan
Fixing Screw / DIN rail 35mm					•
Fixing 35mm	F				
	Fixing				
	Weight			g	



CONTROL RELAY WITH AC COIL 60HZ, 120VAC, 2NO AND 2NC, FASTON TERMINALS

Conductor section				
	AWG/kcmil conductor section			
A. william a south of all and		max		12
Auxiliary contact chara Thermal current Ith	acteristics		Α	10
IEC/EN 60947-5-1 de	signation			A600 - Q600
Operating current AC				A000 - Q000
Operating current AO	10	230V	Α	3
		400V	A	1.9
		500V	A	1.4
Operating current DC	12			
operaning carrent 2 c		110V	Α	2.9
Operating current DC	13	1101		
operating earrorn 20	.0	24V	Α	2.9
		48V	A	1.4
		60V	Α	1.1
		125V	Α	0.3
		220V	Α	0.1
		600V	Α	0.6
Operations				
Mechanical life			cycles	20000000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		mechanical load	cycles	20000000
Mirror contats accordi	ng to IFC/FN 609474-4-1			YES
	ng to 120/211 000 17 1 1 1			IES
EMC compatibility	119 10 120,214 000 17 1 1			yes
·	19 10 12 0/211 000 17 1 1 1			_
EMC compatibility AC coil operating Rated AC voltage at 6			V	_
EMC compatibility AC coil operating	60Hz		V	yes
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz		V	yes
EMC compatibility AC coil operating Rated AC voltage at 6	60Hz			yes 120
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz	min	%Us	yes 120 75
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up	min max		yes 120
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz	max	%Us %Us	yes 120 75 115
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up	max min	%Us %Us %Us	yes 120 75 115 20
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us	yes 120 75 115
EMC compatibility AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up drop-out	max min	%Us %Us %Us	yes 120 75 115 20
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max	%Us %Us %Us %Us	yes 120 75 115 20 55
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max in-rush	%Us %Us %Us %Us	yes 120 75 115 20 55
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max	%Us %Us %Us %Us	yes 120 75 115 20 55
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max in-rush holding	%Us %Us %Us %Us VA	yes 120 75 115 20 55
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush	%Us %Us %Us %Us VA	yes 120 75 115 20 55 30 4
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	max min max in-rush holding	%Us %Us %Us %Us VA	yes 120 75 115 20 55
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA	yes 120 75 115 20 55 30 4 25 3
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	yes 120 75 115 20 55 30 4 25 3 30
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage AC average coil const	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA VA	yes 120 75 115 20 55 30 4 25 3 30 4
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage AC average coil const Dissipation at holding	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 60Hz coil powered at 60Hz see 20°C 50Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	yes 120 75 115 20 55 30 4 25 3 30
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage AC average coil const Dissipation at holding Max cycles frequency	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 60Hz coil powered at 60Hz see 20°C 50Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA	yes 120 75 115 20 55 30 4 25 3 30 4 0.95
EMC compatibility AC coil operating Rated AC voltage at 6 AC operating voltage AC average coil const Dissipation at holding	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 60Hz coil powered at 60Hz see 20°C 50Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	yes 120 75 115 20 55 30 4 25 3 30 4 0.95

in AC

Closing NO



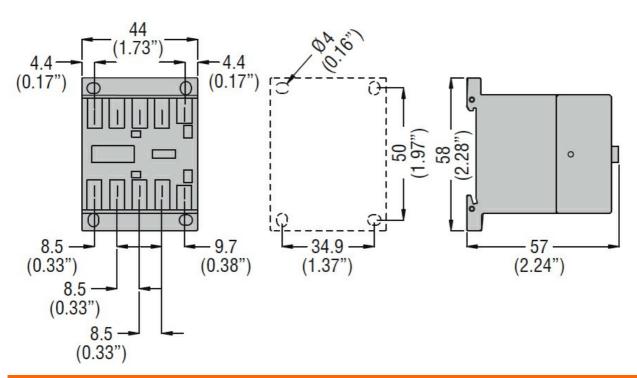


CONTROL RELAY WITH AC COIL 60HZ, 120VAC, 2NO AND 2NC, FASTON TERMINALS

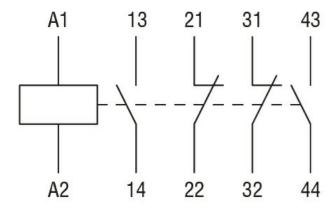
			min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
			max	ms	18
		Closing NC			
			min	ms	17
			max	ms	26
		Opening NC			
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
			min	ms	18
			max	ms	25
		Opening NO			
			min	ms	2
			max	ms	3
		Closing NC			_
			min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
LIII da al alta da la lada			max	ms	17
UL technical data					
General USE	0				
	Contactor		A O	^	40
Contact ration of accellin		1.11	AC current	Α	10
Ambient conditions	ry contacts according to	UL			A600 - Q600
Temperature	On a ration of to man a rational				
	Operating temperature		min	°C	-50
				°C	+70
	Storage temperature		max		+70
	Storage temperature		min	°C	-60
			max	°C	+80
Max altitude			IIIdX	m	3000
Resistance & Protection	n			111	3000
Pollution degree	· · · · · · · · · · · · · · · · · · ·			_	3
Dimensions					
Dimonoro					



ENERGY AND AUTOMATION



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-5-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL 60947-1

UL 60947-5-1

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000196 -Contactor relay