



Product type designation	Product designation				Auxiliary contactor
Contact characteristics	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			
Min				kV	
Max Hz 400 IEC Conventional free air thermal current lith		•			
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) A 0 Protection fuse gG (IEC) A 16 Tightening torque for terminals min Mm Nm 0.8 Max Nm 1 Nm 10			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			,
Tightening torque for coil terminal			min	Nm	0.8
Tightening torque for coil terminal min Nm 0.8 max Nm 1 min lbin 9 max lbin lbin			max	Nm	1
Tightening torque for coil terminal			min	lbin	9
Min Nm 0.8 max Nm 1 min lbin 9 max lbin l			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 max 12 Flexible w/o lug conductor section min mm² mm² mm² 2.5 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² mm² 1.5 max 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 Vertical plan ±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 2.5 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² mm² mm² 1.5 max mm² 2.5 1.5 max mm² 2.5 Flexible with insulated spade lug conductor section min mm² mm² 1.5 max mm² 2.5 1.5 max mm² 2.5 Power terminal protection according to IEC/EN 60529 IP20 when properly wired properly wired properly wired allowable 1.30° 1.5 max 2.5 Mechanical features Normal allowable 1.30° Vertical plan 2.30° Fixing Screw / DIN rail 3.5 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 2.5 Flexible c/w lug conductor section min mm² mm² 1.5 max mm² 2.5 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 Vertical plan ±30° Fixing Screw / DIN rail 35mm			min	lbin	9
AWG/Kcmil			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 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 1.5 IP20 when properly wired Mechanical features Operating position Fixing Fixing Fixing		AWG/Kcmil			
min mm² mm² 0.75 max mm² 2.5			max		12
Fixing 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 normal allowable ±30° Fixing Fixing Fixing					
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 normal vertical plan ±30° Fixing Fixing Screw / DIN rail 35mm			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 normal allowable ±30° Fixing Screw / DIN rail 35mm		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		Clavible with insulated and do long conductor and tion	max	mm-	2.5
Power terminal protection according to IEC/EN 60529 Mechanical features Operating position Inormal allowable ±30° Fixing Max mm² 2.5 IP20 when properly wired Vertical plan allowable ±30° 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	



Conductor section AWG/kcmil conductor section 12 max Auxiliary contact characteristics Thermal current Ith Α 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V Α 3 400V 1.9 Α 500V Α 1.4 Operating current DC12 110V Α 2.9 Operating current DC13 24V Α 2.9 48V 1.4 Α 60V Α 1.1 125V Α 0.3 220V Α 0.1 600V 0.6 Α Operations Mechanical life 20000000 cycles Safety related data Performance level B10d according to EN/ISO 13489-1 mechanical load 20000000 cycles Mirror contats according to IEC/EN 609474-4-1 YES **EMC** compatibility yes AC coil operating Rated AC voltage at 50/60Hz V 110 AC operating voltage of 50/60Hz coil powered at 50Hz pick-up min %Us 75 115 max %Us drop-out %Us 20 min max %Us 55 of 50/60Hz coil powered at 60Hz pick-up min %Us 80 %Us max 115 drop-out min %Us 20 %Us 55 max AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz VA 30 in-rush holding VA 4 of 50/60Hz coil powered at 60Hz in-rush VA 25 holding VA 3 of 60Hz coil powered at 60Hz in-rush VA 30 holding VA 4





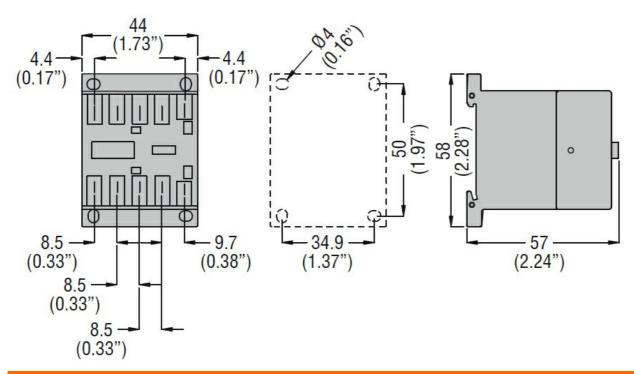
ENERGY AND AUTOMATION

CONTROL RELAY WITH AC COIL 50/60HZ, 110VAC, 4NO, FASTON TERMINALS

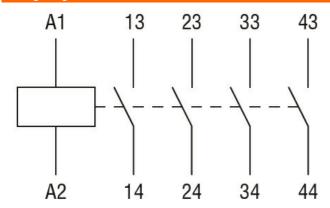
Dissipation at holding ≤	20°C 50Hz			W	0.95
Max cycles frequency					
Mechanical operation				cycles	/h 3600
Operating times					
Average time for Us co	ntrol				
	in AC				
		Closing NO			
			m	in ms	12
			m	ax ms	21
		Opening NO			
			m	in ms	9
			ma	ax ms	18
		Closing NC			
			m	in ms	17
			ma	ax ms	26
		Opening NC			
			m	in ms	7
			ma	ax ms	17
	in DC				
		Closing NO			
			m	in ms	18
			ma	ax ms	25
		Opening NO			
		, ,	m	in ms	2
			m		3
		Closing NC			
		Ü	m	in ms	3
			m		5
		Opening NC			
		- 1 - 3 -	m	in ms	11
			m:		17
UL technical data					
	ary contacts according to	UL			A600 - Q600
Ambient conditions	, · · · · · · · · · · · · · · · · · ·				
Temperature					
· simporataro	Operating temperature				
	Sporating temperature		m	in °C	-50
			m:		+70
	Storage temperature		1110	<u> </u>	170
	Siorage temperature			in °C	60
					-60
Max altitud -			m		+80
Max altitude	.n			m	3000
Resistance & Protectio	n –				
Pollution degree					3
Dimensions					



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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