



Product type designation	Product designation				Auxiliary contactor
Contact characteristics	Product type designat	tion			
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		•			
ECC 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 1 1 1 1 1 1 1	Tightening torque for t	terminals			,
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 9 Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 12 Flexible w/o lug conductor section min 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 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 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 vm² vm² vm² vm² vm² vm² vm²			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		simultaneously connectable		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 Screw / DIN rail 35mm		AWG/Kcmil			
Min mm²			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 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 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 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 agation	max	mm-	2.5
Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal vertical plan 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 allowable ±30° Screw / DIN rail 35mm	- It as asserted becomes		normal		Vertical plan
Fixing Screw / DIN rail 35mm					•
Fixing 35mm	Finds a		- 2		
Weight g 220	rixing				
	Weight			g	220

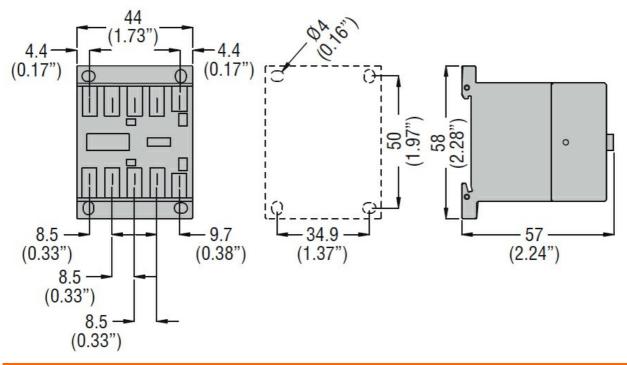


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Conductor section					
	AWG/kcmil conductor	section			
			max		12
Auxiliary contact chara	cteristics			•	4.0
Thermal current Ith	· · · · · · · · · · · · · · · · · · ·			Α	10
IEC/EN 60947-5-1 des	_				A600 - Q600
Operating current AC1	5		230V	۸	2
			400V	A A	3 1.9
			500V	A	1.4
Operating current DC1	2		300 V		1.4
operating durient bor	_		110V	Α	2.9
Operating current DC1	3		1107	, , , , , , , , , , , , , , , , , , ,	2.0
opolating darront box			24V	Α	2.9
			48V	Α	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 B10	Od according to EN/ISO	13489-1			
-			mechanical load	cycles	20000000
	ng to IEC/EN 609474-4-	1			YES
EMC compatibility					yes
D)(' coil operating					
DC coil operating				\ /	000
DC rated control voltage	ge			V	220
				V	220
DC rated control voltage	ge pick-up		min		
DC rated control voltage			min	%Us	75
DC rated control voltage	pick-up		min max		
DC rated control voltage			max	%Us %Us	75 115
DC rated control voltage	pick-up		max min	%Us %Us %Us	75 115
DC rated control voltage DC operating voltage	pick-up drop-out		max	%Us %Us	75 115
DC rated control voltage	pick-up drop-out		max min	%Us %Us %Us	75 115 10 25
DC rated control voltage DC operating voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115
DC rated control voltage DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 25 3.2
DC rated control voltage DC operating voltage Average coil consump	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 25 3.2 3.2
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W	75 115 10 25 3.2 3.2
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W	75 115 10 25 3.2 3.2
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W	75 115 10 25 3.2 3.2
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush holding	%Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO Opening NO	min max in-rush holding min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	min max in-rush holding min max min min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	min max in-rush holding min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	min max in-rush holding min max min max	%Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	min max in-rush holding min max min max min max min max min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600 12 21 9 18
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	min max in-rush holding min max min max	%Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600



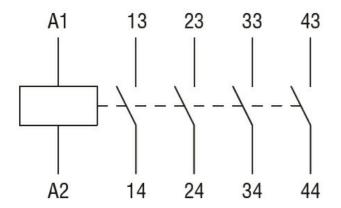
	miı	n ms	7
	ma	c ms	17
in DC			_
Closing	NO		
	miı	n ms	18
	ma:	c ms	25
Opening	g NO		
	miı	n ms	2
	ma	c ms	3
Closing	NC		
	miı	n ms	3
	ma	c ms	5
Opening	g NC		
	miı	n ms	11
	ma	c ms	17
UL technical data			
Contact rating of auxiliary contacts according to UL			A600 - Q600
Ambient conditions			
Temperature			
Operating temperature			
	miı	n °C	-50
	ma	c °C	+70
Storage temperature			_
	miı	n °C	-60
	ma	c °C	+80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



Wiring diagrams



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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