



Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Rated operational power AC-6b (T≤40°C) Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	min max 230V 400V 440480V 690V gG (IEC) 440V 500V 690V	Nr. V kV Hz Hz A kvar kvar kvar A A A A A A M Ω	3 690 6 25 400 32 9 15 17 20 200 40 180 144 120 94 2.5
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Power dissipation per pole (average value) Tightening torque for terminals	690V	Α	94
Power dissipation per pole (average value) Tightening torque for terminals			
Power dissipation per pole (average value) Tightening torque for terminals	Ith	11122	2.0
Tightening torque for terminals	lth		
	IUI	W	2.6
		VV	2.0
Tightening torque for coil terminal	min	Nm	1.5
Tightening torque for coil terminal	min	Nm Nm	1.8
Tightening torque for coil terminal	max	lbin	1.0
Tightening torque for coil terminal	min	lbin	1.5
rightening torque for con terminal	max	IDIII	1.0
	min	Nm	0.8
	min max	Nm	0.8 1
	min	lbin	0.8
		lbin	0.74
Max number of wires simultaneously connectable	max	Nr.	2
Conductor section		INI.	
AWG/Kcmil			
AWG/Railii	max		10
Flexible w/o lug conductor section	IIIaX		10
i lexible w/o lug colludciol section			4
	min	mm ²	1
Flexible c/w lug conductor section	min max	mm² mm²	1
i ioxibio d/w lag corradotor section	min max	mm² mm²	1 6



	max	mm²	4
Flexible with insulated spade lug conductor s	section		
	min	mm²	1
	max	mm²	4
Power terminal protection according to IEC/EN 60529			IP20 when properly wired
Mechanical features			
Operating position			
	normal allowable		Vertical plan ±30°
	allowable		Screw / DIN rai
Fixing			35mm
Weight		g	460
Conductor section			
AWG/kcmil conductor section			
	max		10
Auxiliary contact characteristics		^	40
Thermal current Ith		Α	10
IEC/EN 60947-5-1 designation			A600 - P600
Operating current AC15	230V	۸	3
	400V	A A	ა 1.9
	500V	A	1.4
Operating current DC12	0001	,,	
	110V	Α	5.7
Operating current DC13	-		
	24V	Α	5.7
	48V	Α	2.9
	60V	Α	2.3
	110V	Α	1.25
	125V	Α	1.1
	220V	Α	0.6
	600V	Α	0.1
Operations Management of the Control			0000000
Mechanical life		cycles	20000000
Electrical life Safety related data		cycles	400000
Performance level B10d according to EN/ISO 13489-1			
r enormance level brod according to Etv/150 15409-1	rated load	cycles	400000
	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1		0,0.00	YES
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 60Hz		V	24
AC operating voltage			
of 60Hz coil powered at 60Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out		0/11	00
	min	%Us	20
	max	%Us	55





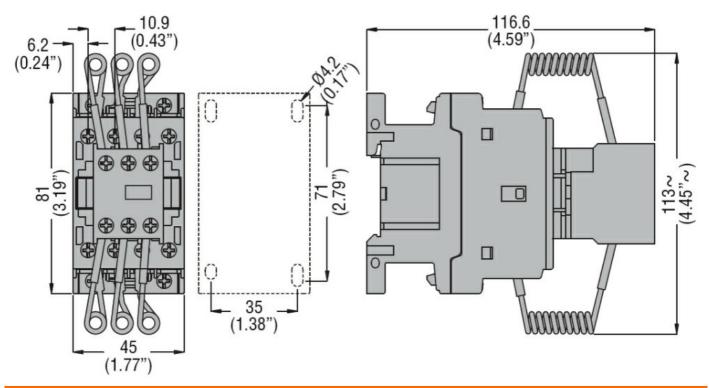
CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, INCLUDING LIMITING RESISTORS, MAXIMUM IEC OPERATIONAL POWER 400V = 15KVAR, COIL 24VAC 60HZ

of 60Hz coil powered at 60Hz

	or our iz con powered a	11 001 12			
			in-rush	VA	75
			holding	VA	9
Dissipation at holding ≤	20°C 50Hz			W	2.5
Max cycles frequency	20 0 001 12				2.0
				a a.l. a. a. /la	2000
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us co	ntrol				
	in AC				
		Closing NO			
		C	min	ms	8
			max	ms	24
		Opening NO	Пах	1110	- '
		Opening NO			40
			min	ms	10
			max	ms	20
		Closing NC			
			min	ms	14
			max	ms	28
UL technical data					
General USE					
General GGE	Contactor				
	Contactor		40	Δ.	00
	-		AC current	Α	32
	Auxiliary contacts				
			AC voltage	V	600
			AC current	Α	10
			DC voltage	V	250
			DC current	Α	1
Contact rating of auxilia	ary contacts according to	LII	2000		A600 - P600
Ambient conditions	ary cornacts according to	- OL			A000 1 000
Temperature					
	Operating temperature				
			min	°C	-50
			max	°C	70
	Storage temperature				
			min	°C	-60
				°C	80
May altitud -			max		
Max altitude				m	3000
Resistance & Protectio	n				
Pollution degree					3
Dimensions					
· · · · · · · · · · · · · · · · · · ·					

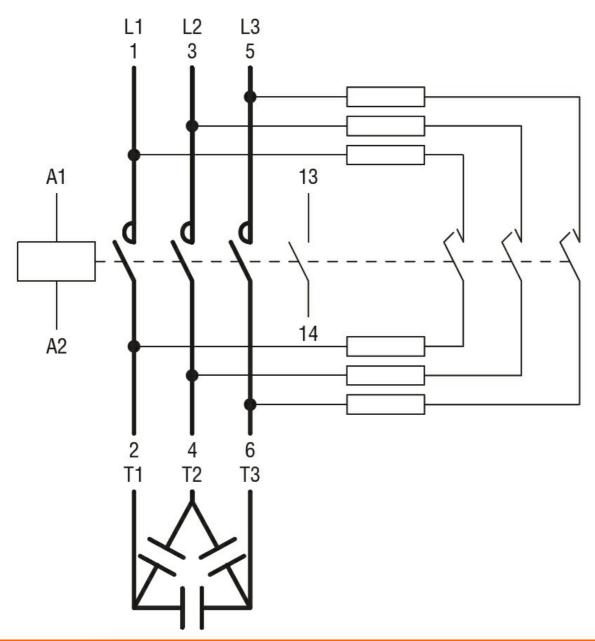






Wiring diagrams





Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-1

UL 60947-1

UL 60947-4-1

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC001079 -Capacitor contactor