



		Power contactor
		BFK38
	N I.e	2
		3
		690
	KV	6
•		0.5
		25
max		400
	A	56
0001/		4 -
		17
		30
		33
690V		36
	Α	320
gG (IEC)	A	63
	A	380
	Α	304
	Α	240
690V	Α	192
	mΩ	2
Ith	W	6
min	Nm	2.5
max	Nm	3
min	lbin	1.8
max	lbin	2.2
min	Nm	0.8
max	Nm	1
min	lbin	0.59
max	lbin	0.74
	Nr.	2
max		6
min	mm²	2.5
max	mm²	16
	min max min max min max min max	max Hz A 230V kvar 400V kvar 440480V kvar 690V kvar A A 440V A 500V A 690V A mΩ Mm min Nm min Ibin max Nm min Ibin Nr. max





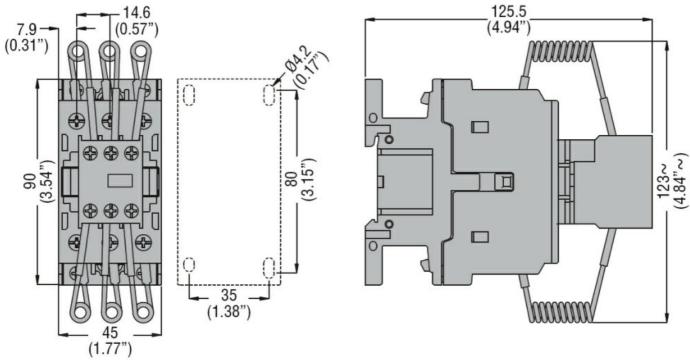
		max	mm²	10
	Flexible with insulated spade lug conduct			. 5
	a series of the	min	mm²	1
		max	mm²	10
Power terminal protect	tion according to IEC/EN 60529			IP20 when properly wired
Mechanical features				μ. ο μ ο ι ι γ ι ι ι ι ι ι ι ι ι ι ι ι ι ι ι ι
Operating position				
		normal allowable		Vertical plan ±30°
Fixing		anowasic		Screw / DIN rail 35mm
Weight			g	400
Operations			9	400
Mechanical life			cycles	20000000
Electrical life			cycles	1400000
Safety related data			.,	
•	Od according to EN/ISO 13489-1			
	G	rated load	cycles	1400000
		mechanical load	cycles	20000000
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50	0/60Hz		V	48
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
	_	max	%Us	110
	drop-out		0/11	
		min	%Us	20
	-	max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up	min	%Us	85
		max	%Us	110
	drop-out	IIIdA	/003	110
	arop-out	min	%Us	20
		max	%Us	55
AC average coil consu	Imption at 20°C	max	7000	
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz	<u> </u>		
	·	in-rush	VA	70
		holding	VA	7
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding :	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
Max cycles frequency Mechanical operation				

Average time for Us control

in AC

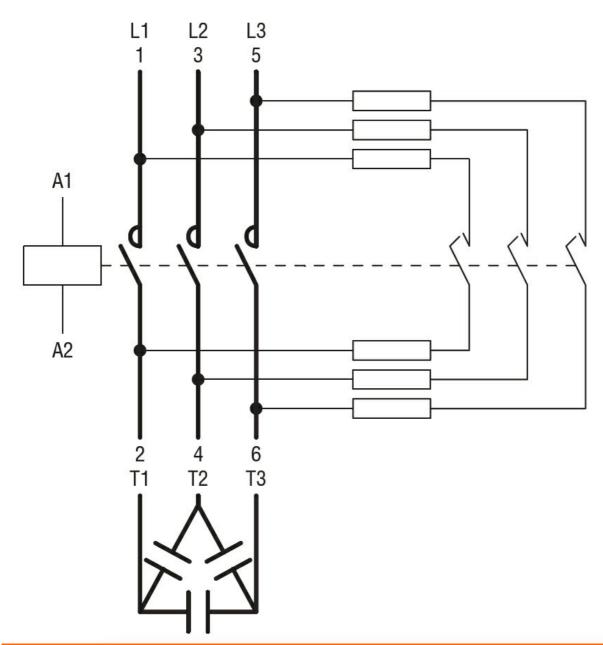


		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			
			min	ms	5
			max	ms	15
		Closing NC			
			min	ms	9
			max	ms	20
UL technical data					
Rated operational volta	age AC (UL)			V	600
General USE					_
	Contactor				
			AC current	Α	56
Ambient conditions					
Temperature					
	Operating temperature				
			min	°C	-50
			min max	°C	-50 70
	Storage temperature				
	Storage temperature				
	Storage temperature		max	°C	70
Max altitude	Storage temperature		max min	°C	-60
Max altitude Resistance & Protection			max min	°C °C	-60 80
Resistance & Protection			max min	°C °C	-60 80
			max min	°C °C	-60 80 3000



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