



		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
	A	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





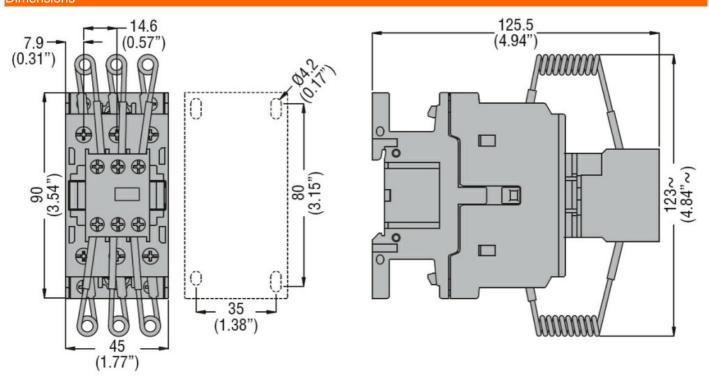
-	max	mm²	10
ŀ	Flexible with insulated spade lug conductor section		4
	min	mm² mm²	1 10
	max	111111	IP20 when
	n according to IEC/EN 60529		properly wired
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw / DIN rail 35mm
Weight		g	400
Conductor section			
, i	AWG/kcmil conductor section		
	max		6
Operations			
Mechanical life		cycles	2000000
Electrical life		cycles	1400000
Safety related data	"		
Performance level B10d	according to EN/ISO 13489-1	- ا ا - ا	400000
	rated load	cycles	400000
EMC compatibility	mechanical load	cycles	20000000
AC coil operating			yes
Rated AC voltage at 60H	17	V	460
AC operating voltage	1 4	v	400
, ,	of 60Hz coil powered at 60Hz		
·	pick-up		
	min	%Us	80
	max	%Us	110
	drop-out		
	min	%Us	20
	max	%Us	55
AC average coil consum	ption at 20°C		
(of 60Hz coil powered at 60Hz		
	in-rush	VA	75
	holding	VA	9
Dissipation at holding ≤2	0°C 50Hz	W	2.5
Max cycles frequency			0000
Mechanical operation		cycles/h	3600
Operating times Average time for Us cont	trol		
=	n AC		
ı	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			



General USE

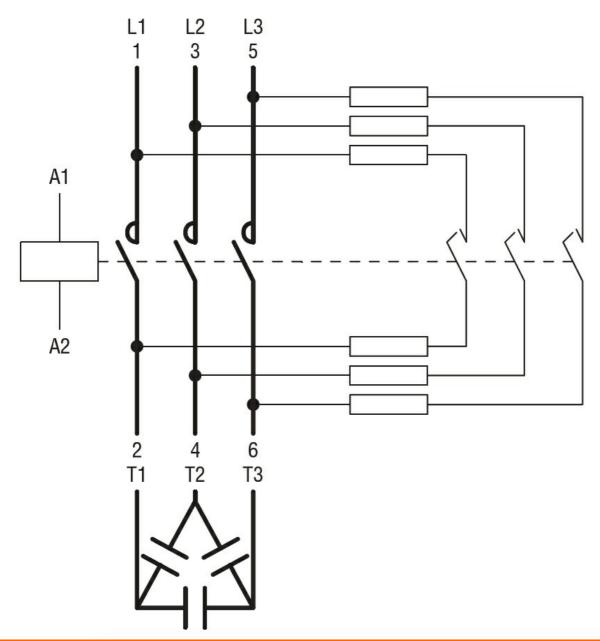
Contactor

		AC current	Α	56
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			_
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protect	ion			
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