



		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





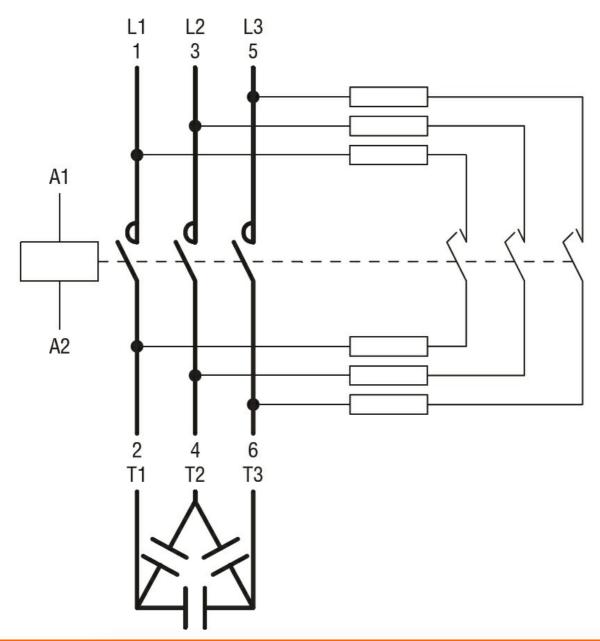
	- <del></del>	max	mm²	10
	Flexible with insulated spade lug conductor			
		min	mm² mm²	1 10
		max	HIIII	IP20 when
Power terminal protect	tion according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	400
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1400000
Safety related data	Od according to EN/ISO 13489-1			
Periormanice level bit	od according to EN/13O 13469-1	rated load	cycles	400000
		mechanical load	cycles	2000000
EMC compatibility		moonamoa roaa	0,0.00	yes
AC coil operating				,
Rated AC voltage at 50	0/60Hz		V	110
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
	drap aut	max	%Us	110
	drop-out	min	%Us	20
		min max	%Us	55
	of 50/60Hz coil powered at 60Hz	IIIdX	7003	
	pick-up			
	1 3 31	min	%Us	85
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
AC average coil consu	•			
	of 50/60Hz coil powered at 50Hz	امريم ما	١/٨	75
		in-rush holding	VA VA	75 9
	of 50/60Hz coil powered at 60Hz	Holding	٧٨	<u> </u>
	5. 50/50112 5011 powered at 50112	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 Average time for Us control in AC Closing NO 8 min ms max ms 24 Opening NO 5 min ms 15 max ms Closing NC 9 min ms max ms 20 UL technical data General USE Contactor AC current Α 56 Ambient conditions Temperature Operating temperature °C -50 min °C 70 max Storage temperature °C min -60 °C 80 max Max altitude m 3000 Resistance & Protection Pollution degree 3 **Dimensions** 125.5 (4.94")7.9 (0.57)(0.31")35 (1.38")45

(1.77")





## 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