



		Power contactor
		BFD80
	nr.	4
	V	1000
	kV	8
min	Hz	25
max	Hz	400
	Α	115
40°C)	Α	160
400V	Α	100
600V	Α	100
800V	Α	76
000V	Α	60
	Α	640
(IEC)	Α	125
(IEC)	Α	80
	mΩ	0.6
lth	W	7.9
min	Nm	4
max	Nm	5
min	lbin	2.95
max	lbin	3.69
min	Nm	0.8
max	Nm	1
min	lbft	0.59
max	lbft	0.74
	nr.	2
min	mm²	1.5
max	mm²	35
min	mm²	1.5
max	mm²	35
		IP20 front

Operating position



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BFD80T4E230

		normal allowable		vertical plan ±30°
Fixing				Screw / DIN rail 35mm
Weight			g	1280
Operations			J	
Mechanical life			cycles	15000000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1	mechanical load	cycles	15000000
EMC compatibility		mechanical load	cycles	
AC coil operating				yes
Rated AC voltage at 5	0/60Hz 60Hz			
rated 710 voltage at 0	0/00/12, 00/12	min	V	20
		max	V	250
AC operating voltage			<u>-</u>	
5 1 5 5 5	of 50/60Hz coil powered at 50Hz			
	pick-up			
	·	min	%Us	80 Us min
		max	%Us	110 Us max
	drop-out			
		max	%Us	≤70 Us min
	of 50/60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80 Us min
		max	%Us	110 Us max
	drop-out		0/11	-70 LL .
A.C. are a ratio as scaltage as	-1.0000	max	%Us	≤70 Us min
AC operating voltage				
	of 50/60Hz coil powered at 50Hz	in much	VA	35120
		in-rush holding	VA VA	1.53.7
	of 50/60Hz coil powered at 60Hz	riolality	٧٨	1.55.7
	or 50/00112 con powered at 60112	in-rush	VA	35120
		holding	VA	1.53.7
	of 60Hz coil powered at 60Hz	110.00.19		
	• • • • • • • • • • • • • • • • • • • •	in-rush	VA	210
		holding	VA	15
Dissipation at holding	≤20°C 50Hz		W	12.5
DC coil operating				
DC rated control voltage	ge			
		min	V	20
DC operating voltage				
	pick-up			
		min	%Us	≤80 Us min
	1	max	%Us	≤110 Us max
	drop-out		0/11-	<70 Ho:
Average sell consumer	tion <20°C	max	%Us	≤70 Us min
Average coil consump	NION ≥ZU C	حاجر ساحد:	۱۸/	22 60
		in-rush	W	2368 1.21.9
Max cycles frequency		holding	V V	۱.۷۱.۵
Mechanical operation			cycles/h	1500
oonamour operation			Jy 0100/11	.000

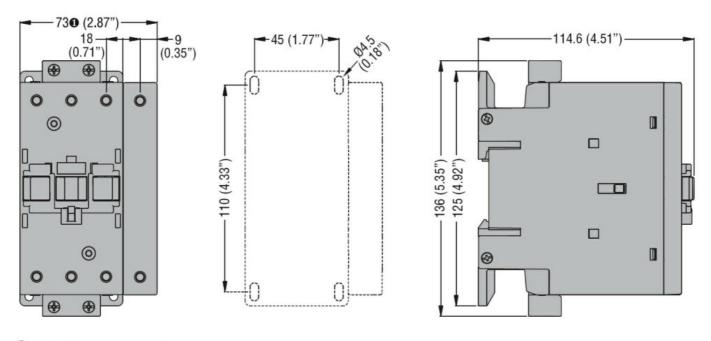


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Operating times					
Average time for Us of	ontrol				
_	in AC				
		Closing NO			
			min	ms	40
			max	ms	85
		Opening NO			
			min	ms	20
			max	ms	55
	in DC				
		Closing NO			
			min	ms	40
			max	ms	85
		Opening NO			0.0
			min	ms	20
III taabutaal data			max	ms	55
UL technical data General USE					
General USE	Contactor				
	Contactor		AC current	Α	115
	4 poles in series DC1		AC current		110
	4 poles ili selles DCT		600V	Α	100
Ambient conditions			000 V		100
Temperature					
Tomporataro	Operating temperature	2			
	oporating temperature	,	min	°C	-40
			max	°C	70
	Storage temperature				
	- G		min	°C	-50
			max	°C	80
Max altitude				m	3000
Resistance & Protection	00				
resistance an intesti	OH				
Pollution degree	OH				3
					3

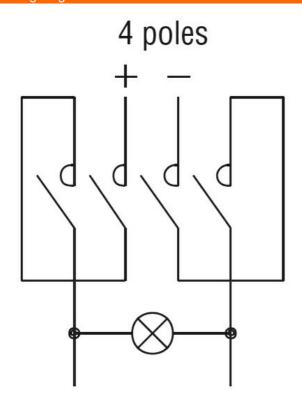


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BF80T2 82mm/3.23"

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1.

IEC/EN 60947-1

IEC/EN 60947-4-1

UL 60947-4-1

Certificates

BFD80T4E230





Stycznik 4 polowy, 60A/1000V DC1, cewka AC/DC, 100-250VAC/DC

cULus