



Product designation			Power contactor
Product type designation			BFS38
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	56
Operational current le			
	AC-1 (≤40°C)	А	56
	AC-1 (≤40°C) with 16mm ² wire and fork end	lugA	60
	AC-1 (≤55°C)	А	45
	AC-1 (≤55°C) with 16mm² wire and fork end	lugA	48
	AC-1 (≤70°C)	А	40
	AC-1 (≤70°C) with 16mm² wire and fork end	lugA	42
	AC-3 (≤440V ≤55°C)	А	38
	AC-4 (400V)	Α	15.5
Rated operational power AC-3 (T≤55°C)			
	230V	kW	11
	400V	kW	18.5
	415V	kW	18.5
	440V	kW	18.5
	500V	kW	20
	690V	kW	22
Rated operational power AC-1 (T≤40°C)			
	230V	kW	21
	400V	kW	36
	500V	kW	45
	690V	kW	62
IEC max current le in DC1 with $L/R \le 1$ ms with	•		
	≤24V	Α	35
	48V	Α	30
	75V	Α	23
	110V	Α	8
	220V	Α	-
IEC max current le in DC1 with $L/R \le 1$ ms with			
	≤24V	Α	36
	48V	Α	34
	75V	Α	29
	110V	А	32
	220V	Α	4
IEC max current le in DC1 with $L/R \le 1$ ms with			
	≤24V	Α	36



BFS3822A110 THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT

ENERGY AND AUTOMATION			
	40\/	^	24
	48V	A	34
	75V	A	33
	110V	A	34
	220V	A	30
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	36
	48V	А	34
	75V	А	33
	110V	А	34
	220V	А	38
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in se			
	≤24V	А	24
	48V	A	20
	48V 75V	A	17
	110V	A	2,5
	. 220V	A	-
IEC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in se			
	≤24V	А	28
	48V	А	25
	75V	А	22
	110V	А	18
	220V	А	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in se	eries		
·	≤24V	А	32
	48V	A	28
	75V	A	28
	110V	A	23
	220V	A	25
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in se		A	20
The max current is in DC3-DC5 with $L/R \leq 15$ ms with 4 poles in si		^	20
	≤24V	A	32
	48V	A	28
	75V	Α	28
	110V	A	23
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	320
Protection fuse			
	gG (IEC)	А	63
	aM (IEC)	А	40
Making capacity (RMS value)	· · ·	А	380
Breaking capacity at voltage			
	440V	А	304
	500V	A	240
	690V	A	192
Resistance per pole (average value)	030 V	mΩ	2
Power dissipation per pole (average value)		11152	۷
ruwer uissipation per pole (average value)	171	1.4.7	0
	lth	W	6
	AC-3	W	2.9
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
	max	Ibin	2.2

Tightening torque for coil terminal



BFS3822A110 THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT

Power terminal protection according to IEC/EN 60529 properly Cable stripping lenght main circuit mm 0 command circuit mm 0 auxiliary circuit mm 0 auxiliary circuit mm 0 Auxiliary circuit mm 0 Screw / Screw					
min Ibin 0.8 max Max number of wires simultaneously connectable Nr. 2 Conductor section max 6 Flexible w/o lug conductor section min mm² 16 Flexible c/w lug conductor section min mm² 1 Flexible c/w lug conductor section min mm² 1 Flexible with insulated spade lug conductor section min mm² 1 Flexible with insulated spade lug conductor section min mm² 1 Power terminal protection according to IEC/EN 60529 max mm² 1 Power terminal protection according to IEC/EN 60529 main circuit mm 0 Contrand circuit mm 0 auxiliary circuit m0 0 Mechanical features g 423 5 5 5 Operating position normal Vertical allowable 430° 4600 - (Thermal current lth A 0 4600 - (0 600/V A 1.9 500/V A 1.9			min	Nm	0.8
max lbin 0.74 Alax number of wires simultaneously connectable Nr. 2 Conductor section max 6 Flexible w/o lug conductor section min mm² 6 Flexible w/o lug conductor section min mm² 16 Flexible c/w lug conductor section min mm² 1 Prevent terminal protection according to IEC/EN 60529 IP20 wh IP20 wh Coherant flexible with insulated spade lug conductor section mm² 1 Prevent terminal protection according to IEC/EN 60529 IP20 wh property Cable stripping lenght main circuit mm 0 auxiliary circuit mm 0 auxiliary circuit mm Operating position normal ±30° Screw / 35mm Weight g 423 423 Mo0 - 600 - 0 Coperating current bC12 24V A 0 3 400V A 1.4 Operating current DC12 230V A 3 400V A			max	Nm	
fax number of wires simultaneously connectable Nr. 2 Conductor section max 6 Flexible w/o lug conductor section min mm² 2.5 max mm² 16 Flexible c/w lug conductor section min mm² 1 reaction normal mm² 1 reaction normal vertical 1 reaction normal vertical 3 reaction normal vertical 3 reaction normal vertical 3			min		
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AWG/Kcmil max nmax state Flexible w/o lug conductor section min mmr 2.5 max mmr 10 Flexible c/w lug conductor section min mmr 10 Flexible with insulated spade lug conductor section min mmr 10 Power terminal protection according to IEC/EN 60529 IP20 wh property Command circuit mm 0 0 Acchanical features min mm 0 Acchanical features strong Strong strong Veight g 423 strong Veight g 423 strong Contact 0 0 adlowable strong Color tot A 0 A 0		ultaneously connectable		Nr.	2
max 6 Flexible w/o lug conductor section min mma mma mma mma 16 Flexible c/w lug conductor section min mma 1 mmax mma 1 Flexible c/w lug conductor section min mma 1 mmax mma 1 Flexible with insulated spade lug conductor section min mma 1 mmax mma 1 rower terminal protection according to IEC/EN 60529 max mm 1 1 mma 1					
Flexible w/o lug conductor section min mm² 2.5 max mm² 16 Flexible c/w lug conductor section min mm² 1 max mm² 1 max mm² 1 Flexible with insulated spade lug conductor section min mm² 1 max mm² 1 rower terminal protection according to IEC/EN 60529 max mm² 1 P20 wh property vable stripping lenght max mm 0 0 auxiliary circuit mm 0 fechanical features ocmmand circuit mm 0 auxiliary circuit mm 0 fechanical features ocmmand circuit mm 0 accrew / 35mm Vegit g 423 423 3 ad00 < 4		AWG/Kcmil			
min mm² 2.5 max mm² 16 Flexible c/w lug conductor section min mm² 1 Flexible with insulated spade lug conductor section min mm² 1 Flexible with insulated spade lug conductor section min mm² 1 Prover terminal protection according to IEC/EN 60529 IP20 wh property Stable stripping lenght mm 0 1 Command circuit mm 0 1 Accharical features mm 0 1 Operating position normal Vertical 35m Weight g 423 35mm utiliary contact characteristics g 423 wallary contact characteristics 0 1 Sperating current AC15 230V A 3 C/EN 6047-5-1 designation A600 - C 0 0 C/EN 6047-5-1 designation A600 - C 0 14 Diperating current DC12 24V A 0 GOW A 0			max		6
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min mm mm ² 1 ower terminal protection according to IEC/EN 60529 IP20 wh property iable stripping lenght main circuit mm 0 command circuit mm 0 0 command circuit mm 0 0 techanical features mm 0 0 techanical features normal Vertical allowable ±30° 35mm vising Screw / 35mm /eight g 423 uxiliary contact characteristics 0 berrating current Ith A 0 C/C/EN 60947-5-1 designation A600 - 0 operating current AC15 230V A 1.9 c/C/EN 60947-5-1 designation A600 - 0 0 1.9 operating current DC12 24V A 0 d/EOV A 0 0 0 d/EOV A 0 0 0 0 operating current DC12 24V A 0 0 d/EOV A 0	-	Elevible with insulated spade lug conduct		111111	10
maxmm²10P20 whP20 whpower terminal protection according to IEC/EN 60529P20 whproperlymain circuitmmable stripping lenghtmain circuitmmcommand circuitmm0auxiliary circuitmm0techanical featuresmorrnalVerticalallowable±30°screw /tixingg423wallary contact characteristicsg423wallary contact characteristics0hermal current lthA0EC/EN 60947-5-1 designationA600 - 0porating current DC1224VAAllawable1.9S00VA1.9S00VA0125VA0600VA0220VA0600VA0220VA0600VA0220VA0600VA0125VA0.55600VA0.1perating125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA0.1125VA125VA </td <td></td> <td>lexible with insulated space log conduct</td> <td></td> <td>mm²</td> <td>1</td>		lexible with insulated space log conduct		mm ²	1
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Sable stripping lenght main circuit mm 0 command circuit mm 0 auxiliary circuit mm 0 Alechanical features auxiliary circuit mm 0 Operating position normal Vertical allowable ±30° 30° ixing Screw / 35mm Veight g 423 uxiliary contact characteristics 0 bermal current lth A 0 CC/EN 60947-5-1 designation A600 - 0 Operating current AC15 230V A 3. 400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 60V A 0 220V A 0 60V A 0 220V A 0 220V A 0 220V A 0 220V A 0 000V A 0 220V A 0 0 0 000V A 0 600V <td< td=""><td>ower terminal protectio</td><td>n according to IEC/EN 60529</td><td></td><td></td><td>properly wired</td></td<>	ower terminal protectio	n according to IEC/EN 60529			properly wired
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command circuit auxiliary circuitmm mm0dechanical featuresnormal allowableVertical allowablenormal allowableVertical allowable430°ixingScrew / 35mmVeight uxiliary contact characteristicsg423uxiliary contact characteristics0hermal current lthA0EC/EN 60947-5-1 designationA600 - 0Operating current AC15230VA1.9500VA1.4Operating current DC1224VA0220VA0220VA0600VA0125VA00600VA0000125VA0000125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10125VA0.55600VA0.10101010101010 </td <td></td> <td></td> <td>main circuit</td> <td>mm</td> <td>0</td>			main circuit	mm	0
auxiliary circuit mm 0 Acchanical features				mm	
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allowable ±30° ixing Screw / 35mm Veight g 423 uxiliary contact characteristics 0 hermal current lth A 0 EC/EN 60947-5-1 designation A600 - 0 Operating current AC15 230V A 3 400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 60V A 0 125V A 0 125V A 0 0 0 Operating current DC13 125V A 0 0 0 0 0perating current DC13 125V A 0 0 0 0 0perating current DC13 125V A 0.55 00V A 0.1	perating position				
Screw / 35mm Veight g 423 uxiliary contact characteristics 0 Thermal current lth A 0 EC/EN 60947-5-1 designation A600 - 0 Operating current AC15 230V A 3 Operating current DC12 24V A 0 Operating current DC13 220V A 0 Operating current DC13 25V A 0.55 Cov/V A 0.1 25V A 0.55 Cov/V A 0.1 25V A 0.55 Cov/V A			normal		Vertical plan
Txing 35mm Veight g 423 vuxiliary contact characteristics 0 Thermal current lth A 0 EC/EN 60947-5-1 designation A600 - 0 Deperating current AC15 230V A 3 400V A 1.9 500V A 1.4 Deperating current DC12 24V A 0 60V A 0 220V A 0 1.25V A 0 600V A 0 Deperating current DC13 125V A 0			allowable		±30°
Auxiliary contact characteristics 0 Thermal current lth A 0 EC/EN 60947-5-1 designation A600 - 0 Operating current AC15 230V A 3 400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 48V A 0 220V A 0 220V A 0 60V A 0 220V A 0 60V A 0 220V A 0 220V A 0 220V A 0 220V A 0 220V A 0 600V A 0 220V A 0 220V A 0 5 600V A 0.55 600V A 0.1	xing				Screw / DIN ra 35mm
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EC/EN 60947-5-1 designation A600 - 0 Operating current AC15 230V A 3 400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 48V A 0 48V A 0 60V A 0 125V A 0 220V A 0 600V A 0 125V A 0 Operating current DC13 125V A 0 1 0 0 0 1 0 0 0 0 0 0 0 1 0 0	/pe of contact				0
230V A 3 400V A 1.9 500V A 1.4 Dperating current DC12 24V A 0 48V A 0 60V A 0 220V A 0 220V A 0 220V A 0 220V A 0 220V A 0 220V A 0 220V A 0 600V A 0 220V A 0 600V A 0 220V A 0 600V A 0 20perating current DC13 125V A 0.55 600V A 0.1 20perations 400 40.1 400	nermal current Ith			А	0
230V A 3 400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 48V A 0 60V A 0 125V A 0 220V A 0 220V A 0 600V A 0 220V A 0 600V A 0 220V A 0 600V A 0 0 200V A 0 0 0 0 0 0 0 0 0 0 0 00V A 0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C/EN 60947-5-1 desiç	nation			A600 - Q600
400V A 1.9 500V A 1.4 Operating current DC12 24V A 0 48V A 0 48V A 0 60V A 0 125V A 0 220V A 0 0 0 0 0 600V A 0 0 0 0 600V A 0 0 0 0 0 20V A 0 0 0 0 0 0 0 00V A 0 <td>perating current AC15</td> <td></td> <td></td> <td></td> <td></td>	perating current AC15				
500V A 1.4 Operating current DC12 24V A 0 48V A 0 60V A 0 60V A 0 125V A 0 220V A 0 600V A 0 0 600V A 0 600V A 0 0 220V A 0 600V A 0 0 220V A 0 600V A 0 0 200V A 0 0 0 0 0 200V A 0.55 600V A 0.1 0 200000 A 0.1 0 0 0 0 200000 A 0.1 0 0 0 0 0 200000 A 0.1 0 0 0 0 0 0 4 0 4 0.1 0 0 0 0 0 0 0 0 0 0 <td></td> <td></td> <td>230V</td> <td>А</td> <td>3</td>			230V	А	3
Operating current DC12 24V A 0 48V A 0 60V A 0 60V A 0 125V A 0 220V A 0 600V A 0 220V A 0 600V A 0 Operating current DC13 125V A 0.55 600V A 0.1 Operations cycles 200000			400V	А	1.9
24V A 0 48V A 0 60V A 0 125V A 0 220V A 0 220V A 0 600V A 0 0perating current DC13 125V A 0.55 600V A 0.1 0 0perations cycles 200000			500V	Α	1.4
48V A 0 60V A 0 125V A 0 220V A 0 220V A 0 600V A 0 0perating current DC13 125V A 0.55 600V A 0.1 0perations cycles 200000	perating current DC12				
60V A 0 125V A 0 220V A 0 220V A 0 00perating current DC13 125V A 0.55 600V A 0.1 0perations 5 5 5 Mechanical life cycles 200000				А	0
125V A 0 220V A 0 200V A 0 00perating current DC13 125V A 0.55 600V A 0.1 00perations cycles 200000				Α	0
220V A 0 600V A 0 Operating current DC13 125V A 0.55 600V A 0.1 Operations cycles 200000				А	0
600V A 0 Operating current DC13 125V A 0.55 600V A 0.1 Operations cycles 200000					0
Operating current DC13 125V A 0.55 600V A 0.1 Operations Cycles 200000					
125V A 0.55 600V A 0.1 Operations cycles 200000			600V	А	0
600VA0.1perationscycles200000	perating current DC13				
perations lechanical life cycles 200000					
lechanical life cycles 20000			600V	А	0.1
•					
lootrigal life				-	20000000
Cycles 140000 Cafety related data	ectrical life			cycles	1400000

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THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT

		rated load mechanical load	cycles cycles	1400000 20000000
EMC compatibility				yes
Electrical characteristic				
Operating current DC1	3	0501/		0.07
		250V	A	0.27
		440V 500V	A A	0.15 0.13
AC coil operating		500 V	A	0.13
Rated AC voltage at 50	0/60Hz		V	110
AC operating voltage			•	
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz pick-up			
	ριεκ-αρ	min	%Us	85
		max	%Us	110
	drop-out	max	/000	
	·	min	%Us	20
		max	%Us	55
AC average coil consu	imption at 20°C			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
	of COLLE apil powered at COLLE	holding	VA	6.5
	of 60Hz coil powered at 60Hz	in-rush	VA	75
		holding	VA VA	9
Dissipation at holding :	≤20°C 50Hz	noiding	W	2.5
DC coil operating				210
DC operating voltage				
	pick-up			
		min	%Us	0
		max	%Us	0
	drop-out			
		min	%Us	0
<u> </u>		max	%Us	0
Average coil consump	tion ≤20°C	1 I	147	0
		in-rush	W	0
Max cycles frequency		holding	W	0
Mechanical operation			cycles/h	3600
Operating times			0,000/11	
Average time for Us co	ontrol			
	in AC			
	Closing NO			
		min	ms	8

BFS3822A110 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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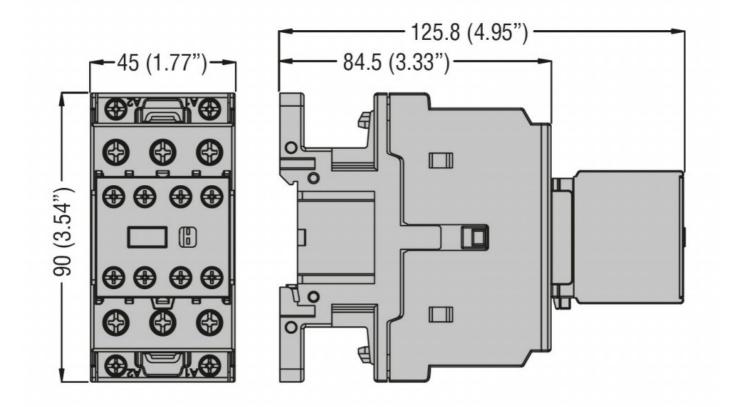
THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT

			max	ms	24
		Opening NO	_		
			min	ms	5
			max	ms	15
		Closing NC	min	me	9
			max	ms ms	9 20
		Opening NC	max	1115	20
		Opening NC	min	ms	9
			max	ms	17
	in DC				
	-	Closing NO			
		0	min	ms	0
			max	ms	0
		Opening NO			
			min	ms	0
			max	ms	0
		Closing NC			
			min	ms	0
			max	ms	0
		Opening NC			_
			min	ms	0
			max	ms	0
UL technical data				M	600
Rated operational volta				V	600
Full-load current (FLA)	for three-phase AC mo	Jtor	ot (190)/	٨	40
			at 480V	A	40
			2t 600V	~ ~	20
Violded mechanical pe	rformanco		at 600V	A	32
Yielded mechanical pe		motor	at 600V	A	32
Yielded mechanical pe	erformance for single-phase AC r	motor			
Yielded mechanical pe		motor	110/120V	HP	3
Yielded mechanical pe	for single-phase AC r				
Yielded mechanical pe			110/120V 230V	HP HP	3 7.5
Yielded mechanical pe	for single-phase AC r		110/120V 230V 200/208V	HP HP HP	3 7.5 10
Yielded mechanical pe	for single-phase AC r		110/120V 230V	HP HP	3 7.5
Yielded mechanical pe	for single-phase AC r		110/120V 230V 200/208V 220/230V	HP HP HP HP	3 7.5 10 15
Yielded mechanical pe	for single-phase AC r		110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 15 30
	for single-phase AC r		110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 15 30
	for single-phase AC r		110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 15 30
	for single-phase AC r for three-phase AC m Contactor		110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	3 7.5 10 15 30 30
General USE	for single-phase AC r for three-phase AC m Contactor		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP	3 7.5 10 15 30 30 55
General USE	for single-phase AC r for three-phase AC m Contactor		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP A	3 7.5 10 15 30 30 55 100
General USE	for single-phase AC r for three-phase AC m Contactor		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating	HP HP HP HP HP	3 7.5 10 15 30 30 55 55
General USE	for single-phase AC r for three-phase AC m Contactor n fuse, 600V High fault		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP A	3 7.5 10 15 30 30 55 100
General USE	for single-phase AC r for three-phase AC m Contactor		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP A	3 7.5 10 15 30 30 30 55 55 100 100 J
General USE	for single-phase AC r for three-phase AC m Contactor n fuse, 600V High fault		110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA A kA	3 7.5 10 15 30 30 30 55 55 100 100 J 5
General USE Short-circuit protection	for single-phase AC r for three-phase AC rr Contactor fuse, 600V High fault Standard fault	notor	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP A	3 7.5 10 15 30 30 30 55 100 100 J 5 5 150
General USE Short-circuit protection	for single-phase AC r for three-phase AC m Contactor n fuse, 600V High fault	notor	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA A kA	3 7.5 10 15 30 30 30 55 55 100 100 J 5
General USE Short-circuit protection Short-circuit protection	for single-phase AC r for three-phase AC rr Contactor fuse, 600V High fault Standard fault	notor	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA A kA	3 7.5 10 15 30 30 30 55 100 100 J 5 5 150
General USE Short-circuit protection	for single-phase AC m for three-phase AC m Contactor fuse, 600V High fault Standard fault	to UL	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA A kA	3 7.5 10 15 30 30 30 55 100 100 J 5 5 150
General USE Short-circuit protection Short-circuit protection	for single-phase AC r for three-phase AC rr Contactor fuse, 600V High fault Standard fault	to UL	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP HP A A KA A KA A	3 7.5 10 15 30 30 30 55 100 100 100 J 5 150 A600 - Q600
General USE Short-circuit protection Short-circuit protection	for single-phase AC m for three-phase AC m Contactor fuse, 600V High fault Standard fault	to UL	110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA A kA	3 7.5 10 15 30 30 30 55 100 100 J 5 5 150



BFS3822A110 THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT

Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Impact resistance			0
Vibration resistance			0
Special thermic treatments			0
Pollution degree			3
Resistance to flame (GWT)			0
Flame retardant according to UL94			0
Dimensions			

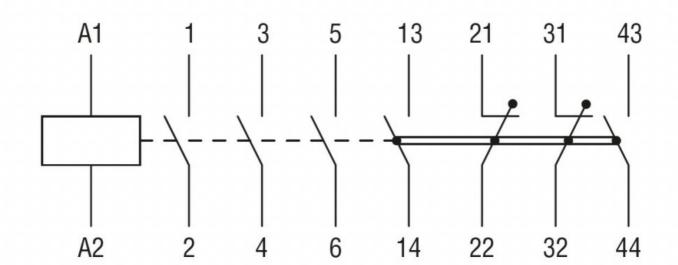


Wiring diagrams

BFS3822A110



THREE-POLE SAFETY CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 38A, AC COIL 50/60HZ, 110VAC, 2NO+2NC AUXILIARY CONTACT



Certifications and co	mpliance	
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	
	IEC/EN/BS 60947-5-1	
	UL 60947-1	
	UL 60947-4-1	
Certificates		
	cULus	
	UL listed for USA and Canada	
ETIM classification		
		EC000066 -

ETIM 8.0

EC000066 -Power contactor, AC switching