



Product designation	Power contactor
Product type designation	BF32
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 Hz 400 IEC Conventional free air thermal current lth A 56 56 Operational current le AC-1 (≤40°C) A 45 AC-1 (≤55°C) A 45 AC-1 (≤70°C) A 40 AC-3 (≤4400√ ≤5°C) A 32 AC-4 (400√) A 13.5 Rated operational power AC-3 (T≤55°C) 230 kW 8.8 400√ kW 17 440√ kW 17 440√ kW 17 500√ kW 22 Extend operational power AC-1 (T≤40°C) 230√ kW 22 22 Rated operational power AC-1 (T≤40°C) 230√ kW 21 400√ kW 26 400√ kW 26 22 22 Extend operational power AC-1 (T≤40°C) 230√ kW	Product type designation			BF32	
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 lth A 56 Operational current le AC-1 (≤40°C) A 45 AC-1 (≤70°C) A 40 AC-2 (≤400°C) A 40 AC-3 (≤440V ≤55°C) A 32 AC-4 (4000°V) A 13.5 Rated operational power AC-3 (T≤55°C) 230°V kW 8.8 400°V kW 17 400°V kW 17 440°V kW 20 690°V kW 20 690°V kW 22 690°V kW 22 690°V kW 22 690°V kW 22 10 40°V 40°V 40°V 40°V 40°V 40	Contact characteristics				
Rated impulse withstand voltage Uimp	Number of poles		Nr.	3	
Operational frequency min max Hz bit Hz 20 max Hz bit Hz 400 IEC Conventional free air thermal current lth A 56 Operational current le AC-1 (s40°C) A 56 AC-1 (s70°C) A 40 AC-3 (s4400 × 55°C) A 32 AC-4 (4000) A 13.5 Rated operational power AC-3 (T≤55°C) 230V kW 8.8 440V kW 16 415V kW 17 440V kW 20 699V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 400V kW 36 500V kW 20 699V kW 21 400V kW 36 500V kW 22 16C max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 32 48V A 32 <td co<="" td=""><td>Rated insulation voltage Ui IEC/EN</td><td></td><td>V</td><td>690</td></td>	<td>Rated insulation voltage Ui IEC/EN</td> <td></td> <td>V</td> <td>690</td>	Rated insulation voltage Ui IEC/EN		V	690
Operational frequency min max Hz bit Hz 20 max Hz bit Hz 400 IEC Conventional free air thermal current lth A 56 Operational current le AC-1 (s40°C) A 56 AC-1 (s70°C) A 40 AC-3 (s4400 × 55°C) A 32 AC-4 (4000) A 13.5 Rated operational power AC-3 (T≤55°C) 230V kW 8.8 440V kW 16 415V kW 17 440V kW 20 699V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 400V kW 36 500V kW 20 699V kW 21 400V kW 36 500V kW 22 16C max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 32 48V A 32 <td co<="" td=""><td></td><td></td><td>kV</td><td>6</td></td>	<td></td> <td></td> <td>kV</td> <td>6</td>			kV	6
Min	Operational frequency				
IEC Conventional free air thermal current Ith		min	Hz	25	
Operational current le AC-1 (≤40°C) A 56 AC-1 (≤55°C) A 45 AC-1 (≤55°C) A 40 AC-3 (≤440V ≤55°C) A 32 AC-4 (400V) A 13.5 Rated operational power AC-3 (T≤55°C) 230V kW 8.8 A400V kW 16 A15V kW 17 500V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 400V kW 36 500V kW 36 500V kW 45 690V kW 62 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 75V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 48V A 32 48V A 32 75V A 32		max	Hz	400	
AC-1 (≤40°C)	IEC Conventional free air thermal current Ith		Α	56	
AC-1 (≤55°C) A 45 AC-1 (≤70°C) A 40 AC-3 (≤440V ≤55°C) A 32 AC-4 (4000V A 13.5	Operational current le				
AC-1 (≤55°C) A 45 AC-1 (≤70°C) A 40 AC-3 (≤440V ≤55°C) A 32 AC-4 (4000V A 13.5	·	AC-1 (≤40°C)	Α	56	
AC-1 (≤70°C) A 40 AC-3 (≤440V ≤55°C) A 32 AC-4 (400V) A 13.5 Rated operational power AC-3 (T≤55°C) 230V kW 8.8 400V kW 16 415V kW 17 500V kW 17 500V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 440V kW 17 500V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 400V kW 36 500V kW 45 690V kW 45 690V kW 45 690V kW 45 690V kW 62 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 110V A 8 220V A 32 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		,			
AC-3 (≤440V ≤55°C) A 32 AC-4 (400V) A 13.5 Rated operational power AC-3 (T≤55°C) Rated operational power AC-3 (T≤55°C) 230V kW 8.8 400V kW 16 415V kW 17 500V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 440V kW 36 500V kW 36 500V kW 45 690V kW 62 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 75V A 28 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 48V A 32 75V A 28 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series					
Rated operational power AC-3 (T≤55°C) 230V kW 8.8 400V kW 16 415V kW 17 440V kW 17 500V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 21 400V kW 36 500V kW 36 500V kW 45 690V kW 62 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 75V A 28 110V A 28 110V A 28 110V A 25 220V A 3					
Rated operational power AC-3 (T≤55°C) 230V kW 8.8 400V kW 16 415V kW 17 440V kW 17 500V kW 20 690V kW 22 Rated operational power AC-1 (T≤40°C) 230V kW 36 500V kW 36 500V kW 36 500V kW 45 690V kW 62 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$\frac{\text{\$\circ}}{2}\text{\$\circ}\$ \text{\$\circ}\$		•			
230V kW 8.8 400V kW 16 415V kW 17 445V kW 17 445V kW 17 500V kW 20 690V kW 22 690V kW 22 690V kW 36 500V kW 36 500V kW 45 690V kW 62 kW 62 kW 62 kW 62 kW 62 kW 62 kW	Rated operational power AC-3 (T<55°C)	7.0 1 (1001)		10.0	
400V kW 16 415V kW 17 440V kW 17 500V kW 20 690V kW 22 20 690V kW 22 20 690V kW 22 20 20 20 20 20 20 2	Traised operational porter 7.10 o (1-55 o)	230V	k₩	8.8	
A15V kW 17 A40V kW 17 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 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 524V A 30 48V A 26 75V A 22 110V A 8 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 524V A 32 48V A 32 75V A 28 110V A 25 220V A 3 EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 524V A 32 48V A 32 75V A 28 110V A 35 220V A 3 EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 524V A 32 48V A 32 75V A					
A40V kW 17 500V kW 20 690V kW 22 22 22 23 24 24 24 24					
Soov 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 ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 48V A 32 75V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 75V A 28 110V A 25 220V A 3					
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 ≤ 1ms with 1 poles in series ≤24V A 30 48V A 26 75V A 22 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 75V A 28 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 75V A 38 110V A 25 220V A 3					
230V kW 21 400V kW 36 500V kW 45 690V kW 62	Poted enerational newer AC 1 (T<10°C)	090 V	KVV	22	
400V kW 36 500V kW 45 690V kW 62	Rated operational power AC-1 (1540 C)	0001/	1-147	0.4	
500V kW 45 690V kW 62					
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V					
Section Sec					
	150	690V	KVV	62	
48V	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	.0.43.4			
T5V A 22 110V A 8 220V A -					
110V A 8 220V A −					
EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V					
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 32 48V A 32 75V A 28 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 48V A 32 75V A 32				8	
≤24V A 32 48V A 32 75V A 28 110V A 25 220V A 3 3 2 20V A 3 3 2 2 2 2 2 2 2 2		220V	A	_	
48V A 32 75V A 28 110V A 25 220V A 3 3	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series				
75V A 28 110V A 25 220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 75V A 32			Α		
		48V	Α	32	
220V A 3 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 75V A 32		75V	Α	28	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 32 48V A 32 75V A 32		110V	Α	25	
≤24V A 32 48V A 32 75V A 32		220V	Α	3	
48V A 32 75V A 32	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series				
75V A 32		≤24V	Α	32	
75V A 32			Α		



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	220V	Α	23
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
·	≤24V	Α	20
	48V	Α	17
	75V	Α	15
	110V	Α	2,5
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
·	≤24V	Α	25
	48V	Α	22
	75V	A	20
	110V	A	15
	220V	Α	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	220 1	- , ,	
120 max sansit to in 200 200 with 211 2 forms with a police in schee	≤24V	Α	30
	48V	A	28
	75V	A	28
	110V	A	20
	220V	A	23
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	220 V		23
TEC max current le in DC3-DC3 with E/N 3 13ms with 4 poles in series	≤24V	Α	
	48V	A	- -
	75V	A	_
	110V	A	_
	220V	A	_
Short-time allowable current for 10s (IEC/EN60947-1)	220 V	A	320
Protection fuse		^	320
Flotection luse	aC (IEC)	۸	62
	gG (IEC)	A	63
Making consists (DMC value)	aM (IEC)	A	32
Making capacity (RMS value)		Α	320
Breaking capacity at voltage	4.401.7	Α.	050
	440V	A	256
	500V	A	240
	690V	Α	192
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)	••	,	
	Ith	W	6
	AC-3	W	2
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	lbin	1.8
	max	Ibin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8



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Flee Flee Flee Flee Flee Power terminal protection as Mechanical features Operating position Fixing Weight Conductor section	/G/Kcmil xible w/o lug conductor section xible c/w lug conductor section xible with insulated spade lug cor	min max min max nductor section min max normal allowable	mm² mm² mm² mm² mm²	6 2.5 16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm 436
Flee Power terminal protection at Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible w/o lug conductor section xible c/w lug conductor section xible with insulated spade lug cor ccording to IEC/EN 60529	min max min max nductor section min max normal allowable	mm² mm² mm² mm²	2.5 16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Flee Flee Flee Flee Flee Flee Flee	xible w/o lug conductor section xible c/w lug conductor section xible with insulated spade lug cor ccording to IEC/EN 60529	min max min max nductor section min max normal allowable	mm² mm² mm² mm²	2.5 16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Power terminal protection at Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible c/w lug conductor section xible with insulated spade lug cor ccording to IEC/EN 60529	min max min max nductor section min max normal allowable	mm² mm² mm² mm²	2.5 16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Power terminal protection as Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible c/w lug conductor section xible with insulated spade lug cor ccording to IEC/EN 60529	min max nductor section min max normal allowable	mm² mm² mm² mm²	16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Power terminal protection a Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible with insulated spade lug cor	min max nductor section min max normal allowable	mm² mm² mm² mm²	16 1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Power terminal protection a Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible with insulated spade lug cor	min max Inductor section min max max normal allowable	mm² mm² mm² mm²	1 10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Flee Power terminal protection a Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	xible with insulated spade lug cor	nductor section min max normal allowable	mm² mm² mm²	10 1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Power terminal protection a Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	according to IEC/EN 60529	nductor section min max normal allowable	mm² mm²	1 10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Power terminal protection a Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life	according to IEC/EN 60529	min max normal allowable	mm²	10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life		normal allowable	mm²	10 IP20 when properly wired Vertical plan ±30° Screw / DIN rail 35mm
Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life		normal allowable		Vertical plan ±30° Screw / DIN rail 35mm
Mechanical features Operating position Fixing Weight Conductor section AW Operations Mechanical life		allowable	g	Vertical plan ±30° Screw / DIN rail 35mm
Operating position Fixing Weight Conductor section AW Operations Mechanical life	/G/kcmil conductor section	allowable	g	Vertical plan ±30° Screw / DIN rail 35mm
Fixing Weight Conductor section AW Operations Mechanical life	/G/kcmil conductor section	allowable	g	±30° Screw / DIN rail 35mm
Weight Conductor section AW Operations Mechanical life	/G/kcmil conductor section	allowable	g	±30° Screw / DIN rail 35mm
Weight Conductor section AW Operations Mechanical life	'G/kcmil conductor section		g	Screw / DIN rail 35mm
Weight Conductor section AW Operations Mechanical life	/G/kcmil conductor section	may	g	35mm
Conductor section AW Operations Mechanical life	'G/kcmil conductor section	may	g	
Conductor section AW Operations Mechanical life	/G/kcmil conductor section	may	9	430
AW Operations Mechanical life	G/kcmil conductor section	may		
Operations Mechanical life	Criterial conductor cociton	may		
Mechanical life		IIIax		6
Mechanical life				
Flectrical life			cycles	20000000
			cycles	1600000
Safety related data				
Performance level B10d ac	cording to EN/ISO 13489-1			
		rated load	cycles	1600000
		mechanical load	cycles	20000000
Mirror contats according to	IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating	I -		V	40
Rated AC voltage at 50/60F AC operating voltage	12		V	42
	50/60Hz coil powered at 50Hz			
OI C	pick-up			
	ριοκ αρ	min	%Us	80
		max	%Us	110
	drop-out		-	
	·	min	%Us	20
		max	%Us	55
of 5	60/60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	85
		max	%Us	110
	drop-out	. •	0/11-	20
		min	%Us	20
AC average coil consumption	on at 20°C	max	%Us	55
er, average conconistion	JII al ZU G			



		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
	•	in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz	<u></u>		
	o. co co poc. ca a. co	in-rush	VA	75
		holding	VA	9
Dissipation at holding:	≤20°C 50Hz	<u></u>	W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times			, , , , , ,	
Average time for Us co	ontrol			
· · · · · · · · · · · · · · · · · · ·	in AC			
	Closing NO			
	Greening itte	min	ms	8
		max	ms	24
	Opening NO	шах	1113	
	Oponing 140	min	ms	5
		max	ms	15
	Closing NC	max	1110	10
	Closhing IVE	min	ms	9
		max	ms	20
	Opening NC	max	1110	20
	Opening No	min	ms	9
		max	ms	17
		max	1110	.,
UL technical data				
UL technical data Full-load current (FLA)) for three-phase AC motor			
) for three-phase AC motor	at 480V	Α	27
) for three-phase AC motor	at 480V at 600V	A A	27 27
Full-load current (FLA)		at 480V at 600V	A A	27 27
	erformance			
Full-load current (FLA)		at 600V	Α	27
Full-load current (FLA)	erformance	at 600V 110/120V	A HP	3
Full-load current (FLA)	erformance for single-phase AC motor	at 600V	Α	27
Full-load current (FLA)	erformance	at 600V 110/120V 230V	A HP HP	3 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V	HP HP	3 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V	HP HP HP	3 7.5 10 10
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 10 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V	HP HP HP	3 7.5 10 10
Full-load current (FLA)	for single-phase AC motor for three-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 10 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	3 7.5 10 10 20 25
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	3 7.5 10 10 20
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	3 7.5 10 10 20 25
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	27 3 7.5 10 10 20 25
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP	3 7.5 10 10 20 25 55
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating	HP HP HP HP HP	3 7.5 10 10 20 25 55
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP	3 7.5 10 10 20 25 55
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP	3 7.5 10 10 20 25 55
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA	3 7.5 10 10 20 25 55 100 100 J
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP	3 7.5 10 10 20 25 55
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection Ambient conditions	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA	3 7.5 10 10 20 25 55 100 100 J
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault Standard fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA	3 7.5 10 10 20 25 55 100 100 J
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection Ambient conditions	erformance for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP HP A kA	3 7.5 10 10 20 25 55 100 100 J





ENERGY AND AUTOMATION	ENERGY AND AUTO	MATION
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	max	°C	70
Storage temperature			_
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
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			