



Product designation			Power contactor
Product type designation Contact characteristics			BF18
Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		ιτν	0
operational mediciney	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	32
Operational current le			02
	AC-1 (≤40°C)	А	32
	AC-1 (≤55°C)	A	26
	AC-1 (≤70°C)	A	23
	AC-3 (≤440V ≤55°C)	A	18
	AC-4 (400V)	A	8.5
Rated operational power AC-1 (T≤40°C)	- ()		
	230V	kW	12
	400V	kW	21
	500V	kW	26
	690V	kW	36
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	17
	48V	А	15
	75V	А	15
	110V	А	6
	220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	20
	48V	А	20
	75V	А	20
	110V	А	13
	220V	А	1
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	22
	48V	А	22
	75V	А	20
	110V	А	16
	220V	Α	11
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	22
	48V	А	22
	75V	А	20
	110V	А	18
	220V	А	13



IEC max current le in DC3-D	DC5 with L/R \leq 15ms with 1 poles in series			
		≤24V	A	12
		48V	A	11
		75V	A	11
		110V	A	2
		220V	Α	_
IEC max current le in DC3-E	DC5 with L/R \leq 15ms with 2 poles in series			
		≤24V	А	15
		48V	Α	13
		75V	Α	13
		110V	А	8
		220V	А	2
IEC max current le in DC3-D	DC5 with L/R \leq 15ms with 3 poles in series			
	•	≤24V	А	18
		48V	A	18
		75V	A	16
		110V	A	12
		220V	A	6
IEC may current lo in DC3 [DC5 with L/R \leq 15ms with 4 poles in series	220 V	Λ	0
IEC max current le lit DC3-L	C_{0} with $E/R \leq 15$ ms with 4 poles in series	<241/	^	10
		≤24V	A	18
		48V	A	18
		75V	A	16
		110V	A	13
		220V	A	8
Short-time allowable current	t for 10s (IEC/EN60947-1)		Α	200
Protection fuse				
		gG (IEC)	Α	32
		aM (IEC)	А	20
Making capacity (RMS value			Α	180
Breaking capacity at voltage				
		440V	А	144
		500V	А	120
		690V	А	94
Resistance per pole (average	ie value)		mΩ	2.5
Power dissipation per pole (
		lth	W	2.6
		AC-3	Ŵ	0.8
Tightening torque for termina		A0 0	vv	0.0
rightening torque for termina		min	Nim	1 5
		min	Nm	1.5
		max	Nm	1.8
		min	Ibin	1.1
		max	lbin	1.5
Tightening torque for coil ter	minai			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	lbin	0.74
Max number of wires simulta	aneously connectable		Nr.	2
Conductor section				
AW	G/Kcmil			
		max		10
Flex	kible w/o lug conductor section			
1107		min	mm²	1
		11111		ı

BF18T4A57560



FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, AC COIL 60HZ, 575VAC

Flexible c/w lug conductor section min mm* 6 min mm* 1 max mm* 4 Flexible with insulated spade lug conductor section min mm* 4 Power terminal protection according to IEC/EN 60529 IP20 when propently wired Operating position normal Vertical plan allowable 430° Fixing 9 348 Conductor section max 10 Operating position max 10 Operating position max 10 Operating position max 10 Operating position max 10 Operations max 10 Operations max 10 Operations gasta 1000000 Safety related data cycles 1600000 Safety related data cycles 1600000 Micro contats according to EC/EN 609474-4-1 yes EMC compatibility yes 20 AC coll operating max %US 50 AC coll operating max %US			2	2
min mm² 1 max mm² 4 Flexible with insulated spade lug conductor section min mm² 4 Power terminal protection according to IEC/EN 60529 max mn² 4 Power terminal protection according to IEC/EN 60529 mormal allowable yetrical plan Mechanical features normal allowable vetrical plan Operating position g 348 Conductor section g 348 Conductor section max 10 Operations cycles 2000000 Electrical life cycles 2000000 Electrical life cycles 1600000 Statey related data cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles Performance level B10d according to EN/ISO 13489-1 yets 2000000 Micro contrats according to IEC/EN 609474-4.1 yets 2000000 Micro contrats according to IEC/EN 609474-4.1 yets 200 Colo operating max %US 110 Micro contrats according to IEC/EN 609474-4.1 yets 200 Micro contrats according to IEC/EN 609474-4.1 yets 255 AC colo pearting fort-out <td< td=""><td></td><td></td><td>۲ mm²</td><td>6</td></td<>			۲ mm²	6
max mm² 4 Flexible with insulated spade lug conductor section min mm² 1 max mm² 1 1 Power terminal protection according to IEC/EN 60529 IP20 when property wired IP20 when property wired Mechanical features 0 350° Operating position normal allowable ±30° Fixing Screw / DIN rail 350° Screw / DIN rail 350° Weight g 348 Conductor section max 10 Operations max 10 Operations verteal blad cycles Identical life cycles 1600000 Safety related data cycles 1600000 Safety related data cycles 1600000 Mirror contats according to EC/EN 609474-4-1 yes AC coll operating yes AC coll operating yes AC coll operating wes AC coll operating wes AC coll operating yes AC coll operating wes AC coll operating wes Rated AC voltage at 60Hz max yick-up min %Us AC coll operating Soft AC average coil cons		-		4
Flexible with insulated spade lug conductor section min mm² 1 max mm² 1 max mm² 1 Power terminal protection according to IEC/EN 60529 in P20 when properly wired in P20 when properly wired Operating position normal allowable 230° 30° Fixing Screw / DIN rail 35mm Weight g 348 Conductor section max 10 Mechanical life cycles 2000000 Before all life cycles 2000000 Safety related data performance level B10d according to EN/ISO 13489-1 rated load cycles 160000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 yes EMC compatibility yes yes 20000000 yes AC coll operating iEC/EN 609474-4-1 yes 20000000 yes AC coll operating yes yes 20000000 yes 20000000 yes AC coll operating yes yes 55 36 35 36 35 AC coll operating m				
min mm² 1 max mm² 4 Power terminal protection according to IEC/EN 60529 IP20 when properly wired Mechanical features			k mm-	4
max mm² 4 Power terminal protection according to IEC/EN 60529 P20 when property wired Operating position normal allowable 230° Fixing 35rm Screw / DN rail 35rm Weight g 348 Conductor section max 10 Operating for the conductor section max 10 Operations max 10 Operations cycles 20000000 Electrical life cycles 20000000 Electrical life cycles 20000000 Performance level B10d according to EN/ISO 13489-1 rated load cycles Performance level B10d according to EN/ISO 13489-1 yes 1600000 Mirror contats according to EC/EN 609474-4-1 yes 20000000 Mirror contats according to EC/EN 609474-4-1 yes 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contats according to EC/EN 609474-4-1 yes 20000000 Mirror contats according to EC/EN 609474-5 yes 20000000 Mater AC voltage at 60Hz v 575 AC coll operating min< %kUs			- mm ²	4
Power terminal protection according to IEC/EN 60529 Power terminal protection according to IEC/EN 60529 Perturn property wired Perturn protection Prixing Prixing Perturn protection Prixing Perturn protection Perturn protectic Perturn protection Perturn pr				
Power terminal protection according to IEU/EN 60529 property wired Mechanical features Operating position Trixing Vertical plan allowable Screw / DIN rail allowable Screw / DIN rail Screw /		IIIa		
Mechanical factures Operating position Operating position If xing Verical plan x30° Screw / DIN rail 35mm Weight g 348 Conductor section AWG/kcmil conductor section Operations If xing If xing If xing If xing If xing If xing If xing If xing If xing If	Power terminal protection	on according to IEC/EN 60529		
Operating position normal allowable Vertical plan ±30° Fixing Screw / DN rall 35mm Weight g 348 Conductor section max 10 Operations max 10 Operations max 10 Operations cycles 1600000 Safety related data cycles 1600000 Performance level B10d according to ENISO 13489-1 reted load cycles 1600000 Performance level B10d according to ENISO 13489-1 yes 1600000 1600000 Merchanical load cycles 1600000 160000 160000 1600000 160000 160000 160000 160000 16000	Mechanical features			property whea
normal allowableVertical plan $\pm 30^\circ$ FixingScrew / DIN rail 35mmWeightgGonductor sectionmaxAWG/kcmil conductor sectionmaxMechanical lifecycles20000000Safety related datacyclesPerformance level B10d according to EN/ISO 13489-1rated loadcyclesMirror contats according to IEC/EN 609474-4-1yesEMC compatibilityyesAC coll operatingvSafety related datayesPerformance level B10d according to EN/ISO 13489-1yesRated AC voltage at 60HzvSafety related datayesMiror contats according to IEC/EN 609474-4-1yesEMC compatibilityyesAC operatingvSafety related datavSafety related datavSafety related datavSafety related datayesCoil operatingvSafety related datavSafety related datavSafety related datavSafety related datavSafety related datayesColl operatingvSafety related datavSafety related datav </td <td></td> <td></td> <td></td> <td></td>				
allowable ±30° Fixing Screw / DIN rail 35mm Weight g Gonductor section g AWG/kcmil conductor section max Mechanical life cycles cycles 20000000 Safety related data cycles Performance level B10d according to EN/ISO 13489-1 rated load Performance level B10d according to EN/ISO 13489-1 yes Mirror contats according to EN/ISO 13489-1 yes EMC compatibility yes AC coll operating cycles Rated AC voltage at 60Hz V of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 55 AC average coil consumption at 20°C of 60Hz in-rush VA 75 AC average coil consumption at 20°C in-rush VA 75 AC average coil consumption at 20°C in-rush VA 75 AC average trequency w 2.5 <	operaning peenieri	norma	1	Vertical plan
FXMg 35mm Weight g 348 Conductor section AWG/kcmil conductor section Mechanical life cycles 2000000 Electrical life cycles 160000 Electrical life cycles 160000 Electrical life cycles 160000 Mirror contats according to EN/ISO 13489-1 Performance level B10d according to EN/ISO 13489-1 Performance level B10d according to EN/ISO 13489-1 Yes 2000000 Mirror contats according to IEC/EN 609474-4-1 Yes 355 AC coll powered at 60Hz of 60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz Ac average coil consumption at 20°C of 60Hz coil powered at 60Hz Namax %US 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz We 2.5 Max cycles frequency Mechanical operation Closing NO min ms 8 max ms 24 Opening NO min ms 10				
Veight g 348 Conductor section nax 10 AWG/kcmil conductor section nax 10 Operations cycles 2000000 Mechanical life cycles 160000 Safety related data cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 2000000 Marcord contats yes 20000000 20000000 Marcord contats yes 20000000 2000000 Marcord contats yes 2000000 2000000 Marcord contats yes 2000000 2000000 Marcord contats yes 2000000 2000000 Marcord contats yes 20 2000000 Marcord contats wes 20 20 Marcord contat max %Us 80 Marcord contation <td< td=""><td></td><td></td><td></td><td>Screw / DIN rail</td></td<>				Screw / DIN rail
Conductor section max 10 Operations cycles 2000000 Mechanical life cycles 160000 Safety related data cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to EC/EN 609474-4-1 yes 20000000 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 20000000 Marco coll operating yes yes 20000000 20000000 AC coll operating yes yes 2000000 20000000 20000000 Marco coll operating v \$75 5 3600 <td>Fixing</td> <td></td> <td></td> <td></td>	Fixing			
$\begin{tabular}{ c c c c c } & max & 10 \\ \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Weight		g	348
$\begin{array}{c c c c c c c c } & max & 10 \\ \hline \begin{timesembed basis}{lllllllllllllllllllllllllllllllllll$			ž	
Operations events 2000000 Electrical life cycles 2000000 Electrical life cycles 1600000 Safety related data rated load cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 EMC compatibility yes AC coll operating yes AC coll operating min %Us 80 Rated AC voltage at 60Hz V 575 AC operating voltage of 60Hz coil powered at 60Hz min %Us 80 max %Us 55 110 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Closing NO min ms 8 max ms 24 Opening NO min ms 10 min ms 10 10 </td <td></td> <td>AWG/kcmil conductor section</td> <td></td> <td></td>		AWG/kcmil conductor section		
Mechanical life cycles 2000000 Electrical life cycles 160000 Safety related data		ma	(10
Electrical life cycles 160000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 160000 mechanical load cycles 160000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coll operating Rated AC voltage at 60Hz of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 55 AC overage coil consumption at 20°C of 60Hz coil powered at 60Hz Note and tholding ≤20°C 50Hz Mechanical operation Closing NO min ms 8 max ms 24 Opening NO min ms 10	Operations			
Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 mechanical load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contats according to IEC/EN 609474-4-1 yes yes AC coll operating rated AC voltage at 60Hz V 575 AC operating voltage of 60Hz coil powered at 60Hz V 575 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz v 20 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz v 75 0 Max cycles frequency W 2.5 2.5 2.5 2.5 2.5 Max cycles frequency W 2.5 3600 0 0 0 Mechanical operation cycles/h 3600 3600 0 0 0 Max cycles frequency Max mi	Mechanical life		cycles	20000000
Performance level B10d according to EN/ISO 13489-1 rated load cycles 2000000 mechanical load cycles 2000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility Ves EMC compatibility AC coll operating Rated AC voltage at 60Hz 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 consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding ≤20°C 50Hz Max cycles frequency Ac everage time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	Electrical life		cycles	1600000
rated load mechanical load cycles cycles 160000 200000 Mirror contats according to IEC/EN 609474-4-1 yes 2000000 EMC compatibility yes 2000000 AC coil operating yes 2000000 Rated AC voltage at 60Hz V 575 AC operating voltage of 60Hz coil powered at 60Hz yick-up min %Us 80 max %Us 110 4000 110 4000 110 drop-out min %Us 20 %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz w/Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz w/Us 55 AC average coil consumption at 20°C w/Us 75 5 Max cycles frequency W 2.5 5 Max cycles frequency W 2.5 3600 Operating times Us 2.5 3600 Operating times us 2.4 2.4 Opening NO min	Safety related data			
mechanical load cycles 2000000 Mirror contats according to IEC/EN 609474-4-1 yes yes EMC compatibility yes AC coll operating yes AC coll operating V 575 AC operating voltage at 60Hz pick-up V 575 AC operating voltage of 60Hz coil powered at 60Hz pick-up v 575 AC operating voltage 800 Max %Us 80 max %Us 110 drop-out min %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz wUs 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 Max cycles frequency W 2.5 Max cycles frequency Use 2.5 Max cycles frequency W 2.5 Max cycles frequency Use 3600 Operating times Closing NO max ms 8 AVerage time for Us control in AC Y 3600 Opening NO min ms< 24	Performance level B10	d according to EN/ISO 13489-1		
Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz V 575 AC operating voltage 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 consumption at 20°C 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 min ms 8 max ms 24 Opening NO min ms 10			,	
EMC compatibility yes AC coll operating Rated AC voltage at 60Hz V 575 AC operating voltage 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 consumption at 20°C 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 Closing NO min ms 8 max ms 24 Opening NO min ms 10			d cycles	2000000
AC coil operating Rated AC voltage at 60Hz AC operating voltage 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 consumption at 20°C 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 Closing NO min ms 8 max ms 24 Opening NO min ms 10	Real Provide State Stat	g to IEC/EN 609474-4-1		yes
Rated AC voltage at 60Hz V 575 AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max min %Us 110 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 model AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 model Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency W 2.5 Max cycles frequency W 2.5 Max cycles frequency W 2.5 Average time for Us control in AC Closing NO min ms 8 Max cycles frequency max ms 24 Opening NO min ms 8				yes
AC operating voltage 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 consumption at 20°C 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 Closing NO min ms 8 max ms 24 Opening NO min ms 10				
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 consumption at 20°C of 60Hz coil powered at 60Hz AC average coil consumption at 20°C 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 Closing NO min ms 8 max ms 24 Opening NO min ms 10	-	Hz	V	575
in Ac average coil consumption at 20°C of 60Hz coil powered at 60Hz AC average coil consumption at 20°C of 60Hz coil powered at 60Hz AC average coil consumption at 20°C 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 Wechanical operation Closing NO Min Ms 8 max Ms 24 Opening NO Min Ms 10	AC operating voltage			
min%Us80 maxdrop-outmin%Us110drop-outmin%Us20 maxmin%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rushVA75 holdingDissipation at holding ≤20°C 50HzW2.5Max cycles frequencyW2.5Max cycles frequencySSMechanical operationcycles/h3600Operating timesAverage time for Us control in ACSAverage time for Us control on ACminms8 maxminms8 max10		•		
drop-outmax%Us110min%Us20max%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hz			<u></u>	
drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C 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 min ms 8 max ms 24 Opening NO min ms 10				
min%Us20 %UsAC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush in-rush NdidingVA75 9In-rush holding ≤20°C 50HzVA99Dissipation at holding ≤20°C 50HzW2.53600Max cycles frequencyV2.50Mechanical operationcycles/h36003600Operating timesVV10Average time for Us control in ACIn ms8 max8 maxMaxMS24010			K %US	110
max%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush holdingVA75 holdingin-rush holding ≤20°C 50HzVA9Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyW2.5Mechanical operationcycles/h3600Operating timesAverage time for Us control in ACminms8 maxMaxMs2400MaxMs100		•	0/11-	20
AC average coil consumption at 20°C 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 W Mechanical operation cycles/h 3600 Operating times V Average time for Us control in AC In AC Closing NO min ms 8 max ms 24 Opening NO min ms 10				
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 min ms 8 max ms 24 Opening NO min ms 10			× /0US	55
in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz V 2.5 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	AU average coll consul	•		
holdingVA9Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyvulles3600Mechanical operationcycles/h3600Operating timesvullesvullesAverage time for Us controlvullesvullesin ACClosing NOvullesvullesMaxms8Maxms24Opening NOminms10		·	η ۱/Δ	75
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 min ms 8 max ms 24 Opening NO min ms 10				
Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 Max ms 24 Opening NO min ms 10	Dissipation at holding <			
Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10			• •	
Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10			cvcles/h	3600
Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10	-		- , - , - , - , - , - , - , - , - , - ,	
in AC Closing NO min ms 8 max ms 24 Opening NO min ms 10		ntrol		
Closing NO min ms 8 max ms 24 Opening NO min ms 10	v			
min ms 8 max ms 24 Opening NO min ms 10				
max ms 24 Opening NO min ms 10		-	n ms	8
min ms 10		ma	k ms	
		Opening NO		
max ms 20		mi	n ms	10
		ma	k ms	20

BF18T4A57560 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

BF18T4A57560



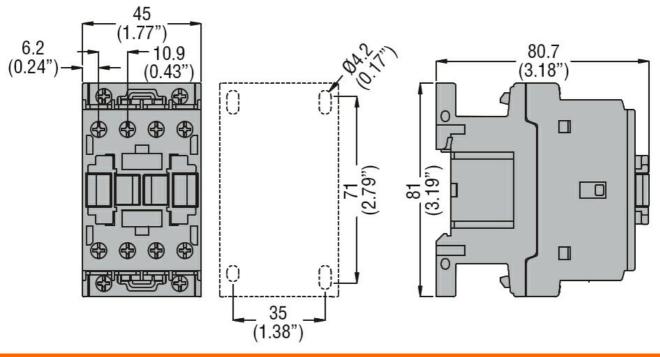
FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, AC COIL 60HZ,

575VAC

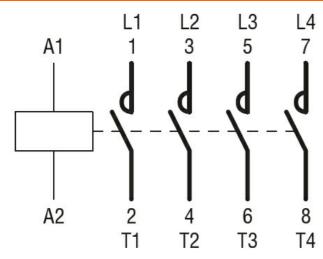
max ms 28 Opening NC min ms 7 max ms 18 UL technical data min ms 7 Full-load current (FLA) for three-phase AC motor at 480V A 14 for single-phase AC motor at 600V A 17 Yielded mechanical performance for three-phase AC motor 200/208V HP 1 200/208V HP 1 220/230V HP 5 220/230V HP 5 220/230V HP 5 General USE 200/208V HP 15 5 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V HIgh fault KA 100 Fuse rating A 60 2 Standard fault Short circuit current KA 5 Standard fault Short circuit current KA 60 Fuse rating A 80 A 60		Closing NC			
Opening NC min ms 7 UL technical data min ms 18 Full-load current (FLA) for three-phase AC motor at 480V A 14 4000 A 17 18 Yielded mechanical performance for single-phase AC motor 110/120V HP 1 230V HP 3 14 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 5 200/208V HP 5 220/230V HP 5 200/208V HP 10 5 220/230V HP 10 General USE Contactor A 32 100 10 10 General USE Contactor KA 100 10 10 10 General USE Contactor KA 100 10 10 10 Fuse rating A 60 10 10 10 10 10 10 </td <td></td> <td></td> <td>min</td> <td>ms</td> <td>14</td>			min	ms	14
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$			max	ms	28
UL technical data max ms 18 Full-load current (FLA) for three-phase AC motor at 480V A 14 At 600V A 17 Yielded mechanical performance for single-phase AC motor 110/120V HP 1 2007/208V HP 3 3 3 for three-phase AC motor 200/208V HP 5 200/208V HP 5 220/20V HP 5 General USE Contactor A 32 3 General USE Contactor A 32 3 Short-circuit protection fuse, 600V HP 15 3 General USE Contactor A 32 Short-circuit protection fuse, 600V HB HB 4 High fault Short circuit current KA 100 Fuse rating A 60 3 3 Ambient conditions Fuse rating A 80 Ambient conditions Temperature min		Opening NC			7
UL technical data Full-load current (FLA) for three-phase AC motor at 800V A 14 at 600V A 17 Yielded mechanical performance for single-phase AC motor 110/120V HP 1 230V HP 3 3 3 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 5 220/230V HP 5 220/230V HP 5 General USE Contactor A 15 5 General USE Contactor A 32 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 5 Mabient conditions T T T T Temperature Min °C -50 max °C <td></td> <td></td> <td></td> <td></td> <td></td>					
Full-load current (FLA) for three-phase AC motor at 480V A 14 at 600V A 17 Yielded mechanical performance for single-phase AC motor I10/120V HP 1 230V HP 3 Interpretation Interpretation for three-phase AC motor 200/208V HP 5 220/2030V HP 5 200/208V HP 5 220/2030V HP 5 460/480V HP 10 General USE Contactor A 32 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 60 Fuse rating A Standard fault Short circuit current KA 5 Fuse rating A 80 Ambient conditions Temperature min °C -50 max °C 70 Storage temperature min °C -50 max °C 70 Storage temperature min °C -60	LIL technical data		IIIdX	1115	10
$\begin{tabular}{ c c c c c } \hline A & 14 \\ \hline A & 17 \\ \hline A & 100 \\ \hline A & 17 \\ \hline A & 17 \\ \hline A & 17 \\ \hline A & 100 \\ \hline B & 17 \\ \hline B & 17 \\ \hline B & 10 \\ \hline S & 220/28V \\ HP & 1 \\ \hline S & 220/28V \\ HP & 5 \\ \hline 220/23V \\ HP & 5 \\ \hline 220/23V \\ HP & 5 \\ \hline 220/23V \\ HP & 5 \\ \hline S & 220/23V \\ HP & 10 \\ \hline S & 57/600V \\ HP & 10 \\ \hline S & 57/600V \\ HP & 10 \\ \hline S & 57/600V \\ HP & 15 \\ \hline \hline G & Contactor \\ \hline & AC current \\ A & 32 \\ \hline \hline S & A & 32 \\ \hline S & A & 100 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ \hline & A & 60 \\ \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 60 \\ \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline \hline & \hline & Fuse rating \\ A & 80 \\ \hline & \hline & Fuse rating \\ A & 80 \\ \hline & \hline & Fuse rating \\ A & 80 \\ \hline & \hline & Fuse rating \\ Fuse rating$		A) for three-phase AC motor			
at 600VA17Yielded mechanical performance for single-phase AC motor110/120VHP1200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5ContactorA32Short-circuit protection fuse, 600V High faultA32Short-circuit protection fuse, 600V High faultA32Short-circuit current Fuse rating Standard faultA30Ambient conditionsTemperaturemin min 		A) for three-phase AC motor	at 490\/	۸	11
Yielded mechanical performance for single-phase AC motor 110/120V HP 1 230V HP 3 100/120V HP 3 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 10 575/600V HP 10 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Fuse rating A 80 Ambient conditions Temperature min °C -50 -50 Temperature Operating temperature min °C -50 -50 Max altitude min °C -60 -60 -60 Max altitude min °C -60 -60 -60 Resistance & Protection <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
for single-phase AC motor 110/120V HP 1 230V HP 3 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 10 General USE 200/208V HP 10 575/600V HP 10 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V High fault KA 100 575/600V High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J J Standard fault Short circuit current kA 5 Ambient conditions Fuse rating A 80 A Ambient conditions Fuse rating A 80 Max altitude <	Violded mechanical r	performance	at 000 v	~	17
$\begin{tabular}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $					
230V HP 3 for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 10 575/600V HP 15 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V High fault A 32 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 60 5 Standard fault Short circuit current KA 5 Temperature Max altitude KA 5 Max altitude C -50 max Max altitude m 3000 Resistance & Protection		IN SINGLE-PHASE AC MOLON	110/120\/	ЦD	1
for three-phase AC motor 200/208V HP 5 220/230V HP 5 220/230V HP 10 575/600V HP 10 575/600V HP 15 General USE Contactor AC current A Contactor AC current A Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Fuse rating A 80 A 80 A 80 A 80 A 80 A 80 Min °C -50 max °C 70 Storage temperature min					
$\begin{array}{c c c c c c } & 200/208V & HP & 5 \\ & 220/230V & HP & 5 \\ & 460/480V & HP & 10 \\ & 575/600V & HP & 15 \end{array}$ General USE $\begin{array}{c c c c c } \hline Contactor & A & 32 \end{array}$ Short-circuit protection fuse, 600V $\begin{array}{c c c } High fault & A & 32 \end{array}$ Short-circuit protection fuse, 600V $\begin{array}{c c } High fault & A & 100 \\ Fuse rating & A & 60 \\ Fuse rating & A & 60 \\ Fuse class & J \end{array}$ Standard fault $\begin{array}{c c } Short circuit current & KA & 100 \\ Fuse rating & A & 60 \\ Fuse rating & A & 80 \end{array}$ $\begin{array}{c c } A & 5 \\ Fuse rating & A & 80 \end{array}$ $\begin{array}{c c } A & 5 \\ \hline \\ Temperature & & & \\ \hline \\ Temperature & & & \\ \hline \\ \hline \\ Coperating temperature & & & \\ \hline \\ Storage temperature & & & \\ \hline \\ Max altitude & & & & \\ \hline \\ Resistance & & & & \\ \hline \\ Pollution degree & & & & \\ \hline \\ Pollution degree & & & & \\ \hline \end{array}$		for three-phase AC motor	230 V	I IF	J
$\begin{array}{c c c c c c } & 220/230V & HP & 5 \\ & 460/480V & HP & 10 \\ & 575/600V & HP & 15 \end{array}$		וטו נווופפ-טומפר אס וווטנטו	200/2021/	ЦD	5
460/480V HP 10 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V High fault A 32 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Fuse class J Standard fault Short circuit current kA A 60 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Temperature Operating temperature min °C -50 Standard Max altitude min °C -60 Standard -50 Max altitude min °C -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60					
ST5/600V HP 15 General USE Contactor AC current A 32 Short-circuit protection fuse, 600V High fault A 100 High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current KA 5 Fuse class J Standard fault Short circuit current KA 5 Ambient conditions Fuse rating A 80 Ambient conditions Fuse rating A 80 Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 Max altitude max °C 80 80					
General USE AC current A 32 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 60 Fuse rating A 60 Fuse class J J Standard fault Short circuit current kA 5 Fuse class J J J Ambient conditions Fuse rating A 80 Fuse rating A 80					
Contactor AC current A 32 Short-circuit protection fuse, 600V High fault	General LISE		575/0001		10
AC currentA32Short-circuit protection fuse, 600V High faultShort circuit current Fuse rating Fuse classKA100Fuse rating 		Contactor			
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 60 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Fuse rating A 80 Ambient conditions Temperature Operating temperature min °C -50 Temperature Operating temperature min °C 70 Storage temperature min °C -60 Max altitude m 3000 Resistance & Protection 3 3		Contactor	AC current	Δ	32
High fault Short circuit current kA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 80 Ambient conditions KA 5 Temperature Min °C -50 Max altitude min °C -50 Max altitude min °C 80 Max altitude min °C 80 Pollution degree 3 3	Short-circuit protectio	on fuse 600V	AO cuitem	Λ	52
Short circuit current Fuse rating Fuse classKA100Fuse rating Fuse classA60Fuse classJStandard faultShort circuit current Fuse ratingKA5Fuse rating TemperatureA80Ambient conditionsVVVTemperaturemin m°C-50Max Storage temperaturemin max°C70Storage temperaturemin max°C80Max altitudem3000VResistance & Protection33	Choir chour protection				
Fuse rating Fuse class A 60 Fuse class Standard fault Fuse class J Short circuit current Fuse rating kA 5 A A 80 Ambient conditions Fuse rating A Temperature min °C Operating temperature min °C Storage temperature min °C Max altitude m 3000 Resistance & Protection 3		i ligh ladit	Short circuit current	kΔ	100
Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 80 Ambient conditions Fuse rating A 80 Temperature Operating temperature min °C -50 Max °C 70 -50					
Standard fault Short circuit current kA 5 Fuse rating A 80 Ambient conditions			•	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Short circuit current Fuse rating kA 5 Ambient conditions A 80 Temperature Verrating temperature Verrating		Standard fault	1 030 01033		<u> </u>
Fuse rating A 80 Ambient conditions			Short circuit current	kΔ	5
Ambient conditions Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3					
Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3	Ambient conditions				
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3					
min max°C °C-50 70Storage temperaturemin 	. Shiperaturo	Operating temperature			
max°C70Storage temperaturemin max°C-60 80Max altitudem3000Resistance & Protection3			min	С°	-50
Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3					
min max°C °C-60 80Max altitudem3000Resistance & ProtectionPollution degree3		Storage temperature	max	-	
max°C80Max altitudem3000Resistance & ProtectionPollution degree3			min	°C	-60
Max altitudem3000Resistance & Protection3					
Resistance & Protection Pollution degree 3	Max altitude				
Pollution degree 3		tion			
					3
	Dimensions				



BF18T4A57560 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 32A, AC COIL 60HZ, 575VAC



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		EC000066 - Power contactor, AC switching