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Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith	min	Nr. V kV	BF95 3 1000 8
Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith	min	V	1000
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith	min	V	1000
Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith	min		
Operational frequency IEC Conventional free air thermal current Ith	min	kV	8
IEC Conventional free air thermal current Ith	min		
	min		
		Hz	25
	max	Hz	400
		A	140
Operational current le			
	AC-1 (≤40°C)	Α	140
	AC-1 (≤55°C)	A	115
	AC-1 (≤70°C)	А	100
	AC-3 (≤440V ≤55°C)	А	95
	AC-4 (400V)	A	45
Rated operational power AC-3 (T≤55°C)			
	230V	kW	30
	400V	kW	55
	415V	kW	55
	440V	kW	55
	500V	kW	75
	690V	kW	90
	1000V	kW	45
Rated operational current AC-3 (T≤55°C)			
	230V	A	95
	400V	А	95
	415V	А	95
	440V	А	95
	500V	А	95
	690V	А	93
	1000V	A	33
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	140
	48V	А	140
	75V	А	100
	110V	А	10
	220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	140
	48V	А	140
	75V	А	140
	110V	А	110
	220V	А	12

IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series



	≤24V	А	140
	48V	А	140
	75V	А	155
	110V	А	120
	220V	А	125
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	А	140
	48V	A	140
	75V	A	155
	110V	A	140
	220V	A	140
IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series	2201		110
	≤24V	А	140
	 48V	A	44
	48V 75V	A	36
	110V	A	6
	220V	A	
IFC may aureant to in DC2 DC5 with L/D < 15ma with 2 nation in parion	2200	A	_
IEC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series	10 A V	•	4.40
	≤24V	A	140
	48V	A	63
	75V	Α	60
	110V	A	55
	220V	A	7
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	≤24V	А	140
	48V	А	115
	75V	А	90
	110V	А	85
	220V	Α	76
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series			
	≤24V	А	140
	48V	А	110
	75V	А	110
	110V	А	105
	220V	А	95
Short-time allowable current for 10s (IEC/EN60947-1)		А	760
Protection fuse			
	gG (IEC)	А	160
	aM (IEC)	A	100
Making capacity (RMS value)		A	1200
Breaking capacity at voltage			.200
Drouning oupdoiry at rollago	440V	А	1100
	500V	A	775
	690V	A	745
Resistance per pole (average value)	090 v	mΩ	0.45
		11122	0.40
Power dissipation per pole (average value)	141-	147	0.0
	lth	W	8.8
	AC-3	W	4.1
Tightening torque for terminals			•
	min	Nm	6
	max	Nm	7
	min	lbin	4.4
	max	lbin	5.2



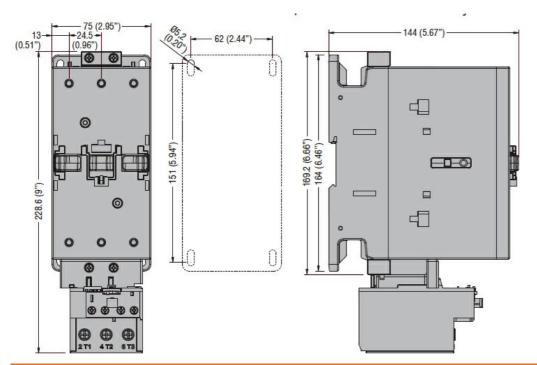
Tightening torque for a	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	lbin	0.74
Conductor section				
	AWG/Kcmil			
		max		2/0
	Flexible w/o lug conductor section			
		min	mm²	1.5
		max	mm²	70
	Flexible c/w lug conductor section		_	
		min	mm²	1.5
		max	mm²	70
	ction according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				Manthe stat
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			0	2020
Auxiliary contact chara	actoristics		g	2020
Thermal current Ith			A	140
Operations			~	140
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
Safety related data			0yole3	1400000
	0d according to EN/ISO 13489-1			
		rated load	cycles	1400000
		mechanical load	cycles	15000000
AC coil operating			0,0.00	
Rated AC voltage at 5	50/60Hz		V	400
AC operating voltage				
1 0 0	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			
		min	%Us	85
		max	%Us	110
	drop-out			
	-	min	%Us	40
		max	%Us	55
AC average coil cons	umption at 20°C			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	300
		holding	VA	20
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	275



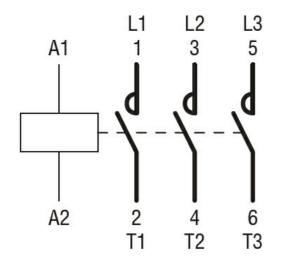
CONTACTEUR BF9500A, 3P (NO), 95A AC3, 400V 50/60HZ

of 60Hz coil powered at 60Hz in-rush vA VA 200 Dissipation at holding 20°C 50Hz W 6.5 Max cycles frequency W 6.5 Mechanical operation cycles/h 1500 Operating times Nerrage time for Us control In AC Closing NO min ms 16 Max max ms 32 Opening NO min ms 9 Max max ms 32 Opening NO min ms 9 Rated operational voltage AC (UL) V 600 Yielded mechanical performance 200/208V HP 30 200/208V HP 30 460/480V HP 30 200/208V HP 30 460/480V HP 75 General USE Contactor A 150 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 250 Fuse class <				holding	VA	17
holding VA 20 Dissipation at holding s20°C 50Hz W 6.5 Max ordes frequency U 6.5 Mechanical operation cycles/h 1500 Operating times V 8.5 Average time for Us control in AC min ms 16 Closing NO min ms 32 Opening NO min ms 9 U technical data ms 24 Rated operational voltage AC (UL) V 600 100 Yielded mechanical performance tort three-phase AC motor 200/208V HP 30 220/200V HP 30 220/200V HP 30 220/208V HP 30 220/208V HP 30 220/208V HP 30 220/208V HP 30 220/208V HP 30 220/208V HP 30 460/480V HP 30 20 20 20 Exercit protection fuse		of 60Hz coil powered at 6	50Hz			
Dissipation at holding ≤20°C 50Hz W 6.5 Max cycles frequency Mechanical operation cycles/h 1500 Operating times Average time for Us control in AC Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 200 Fuse class J Standard fault Short circuit current KA 10 Fuse rating A 250 Fuse class J Standard fault Correturent Conditions Temperature Operating temperature Operating temperature Max attitude Max attitude						
Max cycles frequency cycles/h 1500 Mechanical operation cycles/h 1500 Operating times				holding		
Mechanical operation cycles/h 1500 Operating times		≤20°C 50Hz			W	6.5
Operating times Average time for Us control in AC max ms 16 max ms 32 Opening NO min ms 32 max ms 32 UL technical data max ms 9 max ms 24 UL technical data max ms 24 max ms 24 Vielded mechanical voltage AC (UL) V 600 600 9 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Average time for Us control in AC Closing NO min ms 16 Opening NO min ms 32 Opening NO min ms 9 U total max ms 24 U total total max ms 24 Vielded mechanical performance for three-phase AC motor V 600 <td></td> <td></td> <td></td> <td></td> <td>cycles/h</td> <td>1500</td>					cycles/h	1500
in AC Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 50 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short-circuit current KA 100 Fuse class J Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class K5 Ambient conditions Fuse class C Fuse						
Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 Utechnical data V 600 Yielded mechanical performance for three-phase AC motor V 600 Yielded mechanical performance for three-phase AC motor 220/208V HP 30 220/230V HP 30 220/230V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 200 Fuse class J Standard fault Short circuit current kA 10 Fuse class U Storage temperature RK5 max "C -50 S Fuse class	Average time for Us co					
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Opening NO min ms 9 UL technical data max ms 24 Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 60 Standard Solution 200/208V HP 30 220/230V HP 30 General USE 200/208V HP 75 50 50 50 General USE Contactor AC current A 150 50 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse class J Standard fault Short circuit current KA 10 Fuse class J Ambient conditions KS KS KS KS Ambient conditions KS KS KS KS Ambient conditions <t< td=""><td></td><td></td><td></td><td>min</td><td>ms</td><td></td></t<>				min	ms	
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UL technical data V 600 Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 200/208V HP 60 575/600V HP 60 575/600V HP 75 50 50 50 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 200 Fuse class J 51 Standard fault Short circuit current kA 10 Fuse class RK5 Ambient conditions C 70 50 7						
Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 460/480V HP 60 General USE 575/600V HP 75 General USE Contactor A 150 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 200 Fuse rating A 200 Standard fault Short circuit current KA 10 Fuse rating A 250 Fuse class J Standard fault Short circuit current kA 10 Fuse class RK5 KK5 KK5 KK5 KK5 Ambient conditions min °C -50 max °C 70 Storage temperature min °C -50 max °C 70 Ma	Literature and the last of			max	ms	24
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for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 200 Fuse rating A 200 Standard fault Short circuit current KA 10 Fuse rating A 250 Fuse class J Standard fault Short circuit current KA 10 Fuse class RK5 A 250 E Ambient conditions RK5 A 250 E Temperature Operating temperature min °C -50 max °C 70 Storage temperature -50 -60 Max attitude min °C -60 -60 -60					V	600
200/208V HP 30 220/230V HP 30 220/230V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse class J Standard fault Short circuit current kA 100 Fuse class J Standard fault Short circuit current kA 10 Fuse class J Standard fault Short circuit current kA 10 Fuse class J Standard fault Short circuit current kA 10 Fuse class RK5 Standard fault Standard fault Standard fault C 6 Mabient conditions T T T T T Generat conditions T T T T Storage temperature min °C 70 <td>Yielded mechanical pe</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Yielded mechanical pe					
220/230V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault A 100 Fuse rating A 200 Fuse rating A 200 Standard fault Short circuit current kA 10 Fuse rating A 250 Ambient conditions KK5 KK5 KK5 KK5 KK5 Ambient conditions C -70 C -70 Temperature Operating temperature min °C -70 Storage temperature min °C -60 -60 Max attitude m 3000 -60 -60 -60		for three-phase AC motor	r	000/000/		0.0
460/480V HP 60 General USE Contactor HP 75 Short-circuit protection fuse, 600V AC current A 150 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 200 Fuse rating A 200 Fuse class J J J J J Standard fault Short circuit current KA 10 Fuse rating A 250 Fuse rating A 250 Fuse rating A 250 Fuse rating A 250 Fuse class KK5 Ambient conditions KK5 KK5 KK5 Ambient conditions C -50 max Temperature View class KK5 -50 Max attitude min °C -50						
575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault AC current KA 100 Fuse rating A 200 Fuse rating A 200 Fuse rating A 200 Fuse rating A 200 Standard fault Short circuit current KA 10 Fuse rating A 250 Ambient conditions Fuse rating A 250 Fuse class RK5 Ambient conditions Fuse rating A 250 Fuse class RK5 Ambient conditions Fuse rating A 250 Fuse class RK5 Ambient conditions Fuse class RK5 Fuse class RK5 Ambient conditions Fuse class RK5 Fuse class RK5 Ambient conditions Fuse class Fuse class RK5 Fuse class RK5 Ambient conditions Fuse class C 70 Fuse						
General USE AC current A 150 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 200 Fuse class J Standard fault Short circuit current KA 10 Fuse class J J A 200 Fuse class J Standard fault Short circuit current KA 10 Fuse class RK5 Ambient conditions RK5 Temperature Operating temperature min °C -50 Max altitude min °C -60 max °C +80						
AC currentA150Short-circuit protection fuse, 600V High faultShort circuit currentKA100 Fuse ratingA200 Fuse classJStandard faultShort circuit currentKA10 Fuse classJStandard faultShort circuit currentKA10 Fuse class10 Fuse classA250 Fuse classKSAmbient conditionsKSKSTemperatureOperating temperaturemin°C-50 maxOperating temperaturemin°C-60 max°CMax altitudem3000Max altitudem				575/600V	HP	75
AC currentA150Short-circuit protection fuse, 600V High faultShort circuit current Fuse rating RA100 AFuse rating Fuse classA200 Fuse classJStandard faultShort circuit current Fuse rating RKA10 AStandard faultShort circuit current Fuse rating RKA10 AFuse rating Fuse classA250 Fuse classRK5Ambient conditionsFuse rating Fuse classA250 Fuse classTemperatureMin C°C-50 max °C70Storage temperaturemin max °C°C-60 max rax °C+80Max altitudem3000	General USE	_				
Short-circuit protection fuse, 600V High fault High fault Short circuit current kA 100 Fuse rating A 200 Fuse class J Standard fault Short circuit current kA 10 Fuse class J Standard fault Short circuit current kA 10 Fuse rating A 250 Fuse class RK5 Ambient conditions Temperature Min °C -50 Max altitude min °C -60 -60 Max altitude m 3000 -800		Contactor				
High faultShort circuit current Fuse rating Fuse classKA100Fuse classJStandard faultShort circuit current Fuse rating Fuse classKA10Fuse rating Fuse classA250Fuse classRK5Ambient conditionsFuse classRK5TemperatureOperating temperaturemin°C-50max°C70Storage temperaturemin°C-60Max altitudem3000-60	<u></u>			AC current	A	150
Short circuit currentkA100Fuse ratingA200Fuse classJStandard faultShort circuit currentkA10Fuse ratingA250Fuse classRK5Ambient conditionsFuse classRK5Temperature-Operating temperaturemin°C-50max°C70-Storage temperaturemin°C-60Max altitudem3000-	Short-circuit protection					
Fuse rating Fuse classA200 Fuse classStandard faultShort circuit current Fuse rating Fuse classkA10 AFuse rating Fuse classA250 Fuse classRK5Ambient conditionsFuse classRK5Coperating temperaturemin C-50 max°CStorage temperaturemin Max altitude°C-60 maxMax altitudem3000-60		High fault				
Fuse class J Standard fault Short circuit current kA 10 Fuse rating A 250 Fuse class RK5 Ambient conditions RK5 Temperature 0 Operating temperature min °C Max altitude min °C -60 Max altitude m 3000						
Standard fault Short circuit current kA 10 Fuse rating A 250 Fuse class RK5 Ambient conditions RK5 Temperature 0 Operating temperature min °C Max altitude min °C +80 Max altitude m 3000				Ŭ	А	200
Short circuit current Fuse rating Fuse classkA10Fuse rating Fuse classA250Ambient conditionsRK5Ambient conditions				Fuse class		J
Fuse rating Fuse classA250 RK5Ambient conditionsRK5TemperatureOperating temperaturemin°C-50 max°CStorage temperaturemin°C-60 max°CMax altitudemMax altitudem		Standard fault				
Fuse class RK5 Ambient conditions						
Ambient conditions Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C +80 Max altitude m 3000				-	А	
Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C +80 Max altitude m 3000				Fuse class		RK5
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C +80 Max altitude m 3000						
min °C -50 max °C 70 Storage temperature min °C -60 max °C +80 Max altitude m 3000	Temperature					
max °C 70 Storage temperature min °C -60 max °C +80 Max altitude m 3000		Operating temperature				
Storage temperature min °C -60 max °C +80 Max altitude m 3000				min		
min °C -60 max °C +80 Max altitude m 3000				max	°C	70
max °C +80 Max altitude m 3000		Storage temperature				
Max altitude m 3000				min	°C	-60
				max	°C	+80
Dimensions					m	3000
	Dimensions					





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		
	202	
	cULus	
ETIM classificatio	n	
ETIM 8.0		EC000066 - Power contactor, AC switching