



Product designation			Power contactor
Product type designation			BF95
Contact characteristics			DI 95
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency		ιτν	0
operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	140
Operational current le			110
	AC-1 (≤40°C)	А	140
	AC-1 (≤55°C)	A	115
	AC-1 (≤70°C)	A	100
	AC-3 (≤440V ≤55°C)	A	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	А	95
	400V	А	95
	415V	А	95
	440V	А	95
	500V	А	95
	690V	А	93
	1000V	Α	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	Α	_
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	Α	12

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



BF9500A23060 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 60HZ, 230VAC

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
48V A 140 75V A 155 1100 A 120 220V A 125 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series \$24V A 140 48V A 140 48V A 140 220V A 155 110V A 140 220V A 140 48V A 140 220V A 140 220V A 140 EC max current le in DC3-DC5 with L/R 5 15ms with 1 poles in series \$24V A 140 48V A 63 75V A 66 110V A 63 75V A 60 110V A 55 220V A 140 48V A 110 A 65 220V A 140 48V A 165 220V A 140 48V A 110 <td< td=""><td></td><td>≤24V</td><td>А</td><td>140</td></td<>		≤24V	А	140
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{aligned} & \begin{array}{c} & \begin{array}{c} & & \begin{array}{c} & & \begin{array}{c} & & & \begin{array}{c} & & & & & \begin{array}{c} & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & $	IFC max current le in DC1 with L/R < 1ms with 4 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		<24\/	Δ	140
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
$\begin{aligned} & \leq 24 \vee & A & 140 \\ & 48 \vee & A & 44 \\ & 75 \vee & A & 36 \\ & 110 \vee & A & 6 \\ & 220 \vee & A & - \\ & 48 \vee & A & 60 \\ & 48 \vee & A & 60 \\ & 110 \vee & A & 55 \\ & 220 \vee & A & - \\ & 75 \vee & A & 60 \\ & 110 \vee & A & 55 \\ & 220 \vee & A & - \\ & 75 \vee & A & 140 \\ & 48 \vee & A & 110 \\ & 48 \vee & A & 115 \\ & 75 \vee & A & 90 \\ & 110 \vee & A & 85 \\ & 220 \vee & A & - \\ & 76 \vee & - \\ & 100 \vee & A & 85 \\ & 220 \vee & A & - \\ & 76 \vee & - \\ & 100 \vee & A & 85 \\ & 220 \vee & A & - \\ & 76 \vee & - \\ & 100 \vee & A & 105 \\ & 220 \vee & A & 110 \\ & 110 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 110 \\ & 110 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 110 \\ & 110 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & A & 105 \\ & 220 \vee & A & - \\ & 75 \vee & A & 100 \\ & 100 \vee & 100 \vee & \\ & 1$	IFC may autrent to in DC2 DC5 with L/P < 15mg with 1 polog in agrice	2200	A	140
$ \begin{array}{cccc} 480' & A & 44 \\ 75V & A & 36 \\ 110V & A & 6 \\ 220V & A & - \end{array} \end{array} $	The max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series	<241/	۸	140
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
220VA-IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\leq 24V$ A14048VA6375VA60110VA55220VA7IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A14048VA11575VA90110VA85220VA76IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A14048VA11575VA90110VA85220VA76IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A14048VA11075VA11075VA110105220VA76IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A14048VA11075VA11010VA105220VA76Protection fuse $\qquad GG$ (IEC)A160akl(IEC)Breaking capacity (RMS value)A1200100Breaking capacity at voltage $\qquad M0$ 0.45745Resistance per pole (average value) $m\Omega$ 0.45100Power dissipation per pole (average value) mN 7690VAPower dissipation per pole (average value) mN 64.1Tightening torque for terminals <td></td> <td></td> <td></td> <td></td>				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	A	_
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series			
$\begin{array}{cccc} 75 & A & 60 \\ 110 & A & 55 \\ 220 & A & 7 \end{array}$ IEC max current le in DC3-DC5 with L/R < 15ms with 3 poles in series $\begin{array}{cccc} \leq 24V & A & 140 \\ 48V & A & 115 \\ 75V & A & 90 \\ 110V & A & 85 \\ 220V & A & 76 \end{array}$ IEC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\begin{array}{cccccc} \leq 24V & A & 140 \\ 48V & A & 110 \\ 75V & A & 105 \\ 220V & A & 76 \end{array}$ IEC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$			А	140
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	Α	63
220VA7IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A14048VA11575VA90110VA85220VA76IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A14048VA11076410048VA11075VA11075VA100110VA95Short-time allowable current for 10s (IEC/EN60947-1)A760Protection fusegG (IEC)A100Making capacity (RMS value)A1200Breaking capacity at voltage440VA1100500VA775690VA745Resistance per pole (average value)mn0.45Power dissipation per pole (average value)mnNm6max<		75V	А	60
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series		110V	А	55
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	7
$\begin{array}{cccc} 48V & A & 115 \\ 75V & A & 90 \\ 110V & A & 85 \\ 220V & A & 76 \end{array}$ $\begin{array}{cccc} EC \mbox{ mark surrent le in DC3-DC5 with L/R \le 15ms with 4 poles in series} & & & & & & & & & & & & & & & & & & &$	IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series			
$\begin{array}{cccc} 75 & A & 90 \\ 110 & A & 85 \\ 220 & A & 76 \end{array}$ IEC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\begin{array}{cccc} \leq 24 V & A & 140 \\ 48 V & A & 110 \\ 75 V & A & 110 \\ 110 V & A & 105 \\ 220 V & A & 95 \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) A 76 \\ Protection fuse \\ & gG (IEC) & A & 160 \\ aM (IEC) & A & 100 \\ \end{array} Making capacity (RMS value) A 100 \\ Breaking capacity at voltage \\ & 440 V & A & 1100 \\ 500 V & A & 775 \\ 690 V & A & 745 \\ \end{array} Resistance per pole (average value) $\begin{array}{c} m\Omega & 0.45 \\ Power dissipation per pole (average value) \\ Power dissipation per pole (average value) \\ Tightening torque for terminals \\ \hline min & Nm & 6 \\ max & Nm & 7 \\ min & lbin & 4.4 \\ \end{array}$		≤24V	А	140
$\begin{array}{cccc} 75 & A & 90 \\ 110 & A & 85 \\ 220 & A & 76 \end{array}$		48V	А	115
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c } \hline 220V & A & 76 \\ \hline 224V & A & 140 \\ & 48V & A & 110 \\ & 75V & A & 110 \\ & 10V & A & 105 \\ & 220V & A & 95 \\ \hline \\ Short-time allowable current for 10s (IEC/EN60947-1) & A & 760 \\ \hline \\ Protection fuse & & & & & & & & & & & & & & & & & & &$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$ \begin{array}{c cccc} \leq 24 & A & 140 \\ 48 & A & 110 \\ 75 & A & 110 \\ 75 & A & 105 \\ 220 & A & 95 \end{array} \end{array} $	IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series			
48V A 110 75V A 110 110V A 105 220V A 95 Short-time allowable current for 10s (IEC/EN60947-1) A 760 Protection fuse gG (IEC) A 160 aM (IEC) A 100 Making capacity (RMS value) A 1200 Breaking capacity at voltage 440V A 1100 500V A 775 690V A 745 Resistance per pole (average value) mΩ 0.45 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 110 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		≤24V	А	140
75V A 110 110V A 105 220V A 95 Short-time allowable current for 10s (IEC/EN60947-1) A 760 Protection fuse gG (IEC) A 160 aM (IEC) A 100 A 1200 Making capacity (RMS value) A 1200 Breaking capacity at voltage 440V A 1100 Source 440V A 1100 500V A 775 G90V A 745 775 690V A 745 Resistance per pole (average value) mΩ 0.45 0.45 0.45 Power dissipation per pole (average value) w 4.1 1 1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4 4 4 4 4 4				
$\begin{array}{c cccc} 110 & A & 105 \\ 220 & A & 95 \\ \hline \\ \mbox{Short-time allowable current for 10s (IEC/EN60947-1)} & A & 760 \\ \hline \\ \mbox{Protection fuse} & & & & \\ \mbox{gG (IEC)} & A & 160 \\ aM (IEC) & A & 100 \\ \hline \\ \mbox{Making capacity (RMS value)} & A & 1200 \\ \hline \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{440V} & A & 1100 \\ 500 & A & 775 \\ 690 & A & 745 \\ \hline \\ \mbox{Resistance per pole (average value)} & & & & \\ \mbox{Mover dissipation per pole (average value)} & & & & \\ \mbox{Making transformation per pole (average value)} & & & \\ \mbox{Making capacity for terminals} & & & \\ \mbox{Making capacity for terminals} & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & & & \\ \mbox{Making capacity at voltage} & & \\ Making capacity a$				
220V A 95 Short-time allowable current for 10s (IEC/EN60947-1) A 760 Protection fuse gG (IEC) A 160 aM (IEC) A 100 Making capacity (RMS value) A 1200 Breaking capacity at voltage 440V A 1100 500V A 775 690V A 745 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4				
Short-time allowable current for 10s (IEC/EN60947-1) A 760 Protection fuse gG (IEC) A 160 aM (IEC) A 100 Making capacity (RMS value) A 1200 Breaking capacity at voltage 440V A 1100 500V A 775 690V A 745 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4				
Protection fuse $\begin{array}{cccccccccccccccccccccccccccccccccccc$	Short-time allowable current for 10s (IEC/EN60947-1)	2201		
gG (IEC) aM (IEC)A160 a00Making capacity (RMS value)A1200Breaking capacity at voltage440V 500VA1100 500VBreaking capacity at voltage440V 690VA775 690VResistance per pole (average value)mΩ0.45Power dissipation per pole (average value)Ith AC-3W8.8 4.1Tightening torque for terminalsmin Mm6 			~	700
aM (IEC)A100Making capacity (RMS value)A1200Breaking capacity at voltage440VA1100440VA1100500VA775690VA745690VA745Resistance per pole (average value)mΩ0.450.45Power dissipation per pole (average value)IthW8.8AC-3W4.14.1Tightening torque for terminalsminNm6maxNm7minIbin4.4			۸	160
Making capacity (RMS value) A 1200 Breaking capacity at voltage 440V A 1100 440V A 1100 500V A 775 690V A 745 690V A 745 Resistance per pole (average value) mΩ 0.45 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		- · ·		
Breaking capacity at voltage $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Making apparity (DMC value)	aivi (IEC)		
$\begin{array}{cccc} & 440 & A & 1100 \\ & 500 & A & 775 \\ \hline 690 & A & 745 \\ \hline \\ $			A	1200
500VA775690VA745Resistance per pole (average value)mΩ0.45Power dissipation per pole (average value)IthW8.8AC-3W4.1Tightening torque for terminalsminNm6maxNm7minIbin4.4	Breaking capacity at voltage		-	1105
690V A 745 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4				
Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 min Nm 7 min Ibin 4.4				
Power dissipation per pole (average value) Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		690V		
Ith W 8.8 AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4	Resistance per pole (average value)		mΩ	0.45
AC-3 W 4.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4	Power dissipation per pole (average value)			
Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		lth	W	8.8
min Nm 6 max Nm 7 min Ibin 4.4		AC-3	W	4.1
min Nm 6 max Nm 7 min Ibin 4.4	Tightening torque for terminals			
max Nm 7 min Ibin 4.4		min	Nm	6
min Ibin 4.4				
		max	Ibin	5.2



BF9500A23060 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 60HZ, 230VAC

Tightening torque for c	oil terminal	min	Nm	0.8
		min	Nm Nm	0.8
		max	Ibin	
		min	Ibin	0.59 0.74
Conductor section		max	пи	0.74
	AWG/Kcmil			
	AWG/Reffin	max		2/0
	Flexible w/o lug conductor section	IIIdA		2/0
	Flexible w/o lug conductor section	min	mm²	1.5
			mm²	70
	Flexible c/w lug conductor section	max	111111	70
	Flexible C/W lug conductor section	min	mm²	1.5
		min	mm²	70
Dower terminal protect	tion apporting to IEC/EN 60520	max	111111	IP20 front
	tion according to IEC/EN 60529			IP20 Iront
Mechanical features				
Operating position				Vortical plan
		normal		Vertical plan ±30°
		allowable		±30 [°] Screw / DIN rail
Fixing				35mm
Weight			0	2020
Conductor section			g	2020
	AWG/kcmil conductor section			
	AWG/RCHIII COnductor Section			2/0
Auxiliary contact chara	otoriotion	max		2/0
Thermal current Ith	CIENSICS		A	140
			A	140
Operations Mechanical life			avalaa	15000000
Electrical life			cycles	1400000
			cycles	1400000
			-	
Rated AC voltage at 60	DHz		V	230
Rated AC voltage at 60			-	
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz		-	
Rated AC voltage at 60			V	230
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out	max	-	
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz	max	V	230
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out		V %Us	230 55
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz	min	V %Us %Us	230 55 80
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up		V %Us	230 55
AC coil operating Rated AC voltage at 60 AC operating voltage	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz	min max	V %Us %Us %Us	230 55 80 110
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up	min max min	V %Us %Us %Us %Us	230 55 80 110 20
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max	V %Us %Us %Us	230 55 80 110
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min	V %Us %Us %Us %Us	230 55 80 110 20
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max	V %Us %Us %Us %Us %Us	230 55 80 110 20 55
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max in-rush	V %Us %Us %Us %Us %Us %Us	230 55 80 110 20 55 300
Rated AC voltage at 60 AC operating voltage	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max	V %Us %Us %Us %Us %Us %Us VA VA	230 55 80 110 20 55 300 20
Ac operating voltage at 60 AC operating voltage AC average coil consu	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max in-rush	V %Us %Us %Us %Us %Us %Us	230 55 80 110 20 55 300
Ac operating voltage at 60 AC operating voltage AC average coil consu	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max in-rush	V %Us %Us %Us %Us %Us %Us VA VA	230 55 80 110 20 55 300 20
Rated AC voltage at 60	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max in-rush	V %Us %Us %Us %Us %Us %Us VA VA	230 55 80 110 20 55 300 20
Ac operating voltage at 60 AC operating voltage AC average coil consu Dissipation at holding s	of 50/60Hz coil powered at 50Hz drop-out of 60Hz coil powered at 60Hz pick-up drop-out	min max min max in-rush	V %Us %Us %Us %Us %Us %Us %Us %Us %Us	230 55 80 110 20 55 300 20 6.5

in AC

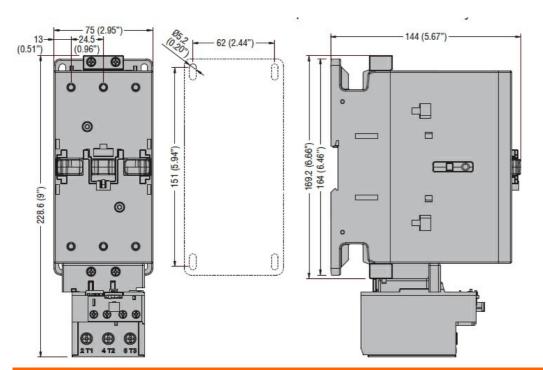
BF9500A23060



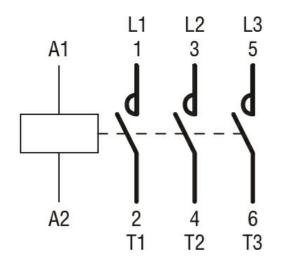
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 60HZ, 230VAC

Closing NO			
	min	ms	16
	max	ms	32
Opening NO			
	min	ms	9
	max	ms	24
UL technical data			
Yielded mechanical performance			
for three-phase AC motor			
	200/208V	HP	30
	220/230V	HP	30
	460/480V	HP	60
	575/600V	HP	75
General USE			
Contactor			
	AC current	А	150
Short-circuit protection fuse, 600V			
High fault			
	rcuit current	kA	100
	Fuse rating	А	200
	Fuse class		J
Standard fault			
Short ci	rcuit current	kA	10
	Fuse rating	А	250
	Fuse class		RK5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-50
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	+80
Max altitude			3000
		m	3000





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