BF9500A230



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 50/60HZ, 230VAC



Product type designation BF95 Contract characteristics Number of poles Nr. 3 Rated insulation voltage UI IEC/EN V 1000 Rated insulation voltage UII EC/EN V 8 Operational frequency min Hz 25 IEC Conventional free air thermal current Ith A 140 Operational current le AC-1 (≤40°C) A 140 Operational current le AC-1 (≤55°C) A 115 AC-1 (≤70°C) A 100 AC-3 (≤440V) ≤55°C) A 95 AC-4 (400V) A 45 AC-4 (400V) A 45 Rated operational power AC-3 (T≤55°C) 230V kW 30 A00V kW 55 Ad40V kW 55 5 A40V kW 55 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 140 75V A 140 75V A 140 75V A 140 75V A 140 75V A 140 75V A 140				
Contact characteristicsNumber of polesNr.3Rated insulation voltage Ui IEC/ENV1000Rated insulation voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current IthA140Operational current leAC-1 (≤40°C)A140AC-1 (≤40°C)A140AC-1 (≤5°C)A115AC-1 (≤40°C)A100AC-1 (≤40°C)A100AC-3 (≤440V ≤55°C)A95AC-4 (400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55415VkW55550VkW55550VkW551EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA14048VA14075VA100110VA10220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA14048VA1401EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA14048VA1401EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA14048VA1401EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA14048VA1401EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series≤24VA140 <th>Product designation</th> <th></th> <th></th> <th>Power contactor</th>	Product designation			Power contactor
Number of polesNr.3Rated insulation voltage Ui IEC/ENV1000Rated insulation voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA140Operational current leAC-1 (\$40°C)A140AC-1 (\$55°C)A115AC-1 (\$70°C)A100AC-3 (\$4400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55415V440VkW55415VkW55500VkW55690VkW55500VkW551000VkW45IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series24VA14075VA100220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series24VA14075VA100220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series24VA14075VA110220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series24VA14075VA130155110VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series24VA14075VA135110VA12IEC ma				BF95
Rated insulation voltage Ui IEC/ENV1000Rated inpulse withstand voltage UimpKV8Operational frequencyminHz25maxHz400IEC conventional frequencyA140Operational current leAC-1 (\$40°C)A140Operational current leAC-1 (\$55°C)A140AC-1 (\$55°C)A115AC-1 (\$55°C)A100AC-3 (\$4400 \$55°C)A95AC-4 (400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55440VkW55500VkW901000VkW5515VkW55440VkW55500VkW901000VkW45IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA14048VA14075VA110220VA-12100110VA110220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA14048VA14075VA120220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA14075VA14016075VA120220VA12120220VA12120220VA125100V220VA125100V220VA1251				-
Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA140Operational current leAC-1 (\$40°C)A140AC-1 (\$55°C)A115AC-1 (\$70°C)A100AC-3 (\$440V \$55°C)A95AC-4 (400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55440VkW55550VkW901000VkW551EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA14048VA14075VA100110VA10220VA-110VA10220VA-110VA110220VA14048VA14075VA14048VA14075VA110220VA12110VA110220VA12110VA110220VA12110VA110220VA12110VA120220VA14045VA14075VA14075VA140145V140145V140145VA140140145VA140140145VA140140145VA140140145VA140155V110V <td< td=""><td></td><td></td><td></td><td></td></td<>				
Operational frequency min max Hz 25 max IEC Conventional free air thermal current lth A 140 Operational current le A 140 Operational current le A 140 AC-1 (s40°C) A 140 AC-1 (s55°C) A 115 AC-1 (s70°C) A 100 AC-3 (s440v s55°C) A 95 AC-4 (400V) A 45 Rated operational power AC-3 (T≤55°C) 230V kW 30 4000 kW 55 500V kW 55 690V kW 95 500V kW 55 1000V kW 45 500V kW 45 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 140 110V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V A 140 110V A 110 220V A				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			kV	8
max Hz 400 IEC Conventional free air thermal current lth A 140 Operational current le AC-1 (s40°C) A 140 AC-1 (s50°C) A 110 AC-1 (s50°C) A 100 AC-1 (s70°C) A 100 AC-3 (s40V s55°C) A 95 AC-4 (400V) A 45 A5 Ac-4 (400V) A 45 Rated operational power AC-3 (T≤55°C) 230V kW 30 400V kW 55 410V kW 55 500V kW 90 90 90 1000V kW 45 S 500V kW 90 90 90 90 90 90 90 90 1000V kW 45 140 140 48V A 140 110V A 10 110V A 10 110V A 140 140 48V A 140 140 140 140 140 140	Operational frequency			
IEC Conventional free air thermal current lthA140Operational current leAC-1 (≤40°C)A140AC-1 (≤55°C)A115AC-1 (≤70°C)A100AC-3 (≤440V ≤55°C)A95AC-4 (400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55AC-4 (40V)KW55415VkW55500VkW901000VkW55500VkW901000VkW45IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA14048VA14010VA10220VA16C100110VA10220VA-1216C100110VA110220VA1216C16C16V48VA14075VA140110220VA121216C16V110VA110220VA12110VA110220VA121216C155110VA14075VA14075VA14075VA14075VA14014075VA14014075VA14014075VA14014075VA140155110VA120120120120120120120120120120120120 </td <td></td> <td>min</td> <td></td> <td></td>		min		
Operational current le AC-1 (≤40°C) A 140 AC-1 (≤55°C) A 115 AC-1 (≤55°C) A 95 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 415V kW 55 500V kW 75 690V kW 90 1000V kW 45 1000V kW 45 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 140 48V A 140 75V A 100 110V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 140 48V A 140 220V A 12 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 140 48V A		max		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			A	140
$\begin{array}{cccccccc} AC-1 (\leq 55^{\circ} C) & A & 115 \\ AC-1 (\leq 70^{\circ} C) & A & 100 \\ AC-3 (\leq 400 \vee 55^{\circ} C) & A & 95 \\ AC-4 (400 \vee A & 45 \\ \hline \\ \hline \\ \hline \\ Rated operational power AC-3 (T \leq 55^{\circ} C) \\ & & & & & & & & & & & & & & & & & & $	Operational current le			
AC-1 (≤70°C) A 100 AC-3 (≤440V <55°C)			А	
AC-3 (s440V ≤55°C)A95AC-4 (400V)A45Rated operational power AC-3 (T≤55°C)230VkW30400VkW55415VkW55500VkW75690VkW901000VkW45IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $≤24V$ A14048VA14075VA100110VA10220VA-10220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤24V$ A14048VA140110VA110220VA121212IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤24V$ A140110VA110220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤24V$ A14075VA155110VA120220VA125125110VA125IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $≤24V$ A14075VA155110VA120220VA125125125IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $≤24V$ A140		. ,	А	
AC-4 (400V)A45Rated operational power AC-3 (T<55°C)				
Rated operational power AC-3 (T≤55°C) $ \begin{array}{c} 230V & kW & 30 \\ 400V & kW & 55 \\ 415V & kW & 55 \\ 500V & kW & 75 \\ 690V & kW & 90 \\ 1000V & kW & 45 \\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $ \begin{array}{c} 224V & A & 140 \\ 48V & A & 140 \\ 75V & A & 100 \\ 220V & A & - \\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $ \begin{array}{c} 224V & A & 140 \\ 48V & A & 140 \\ 75V & A & 100 \\ 220V & A & - \\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $ \begin{array}{c} 224V & A & 140 \\ 48V & A & 140 \\ 75V & A & 140 \\ 110V & A & 110 \\ 220V & A & 12\\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $ \begin{array}{c} 224V & A & 140 \\ 48V & A & 140 \\ 75V & A & 140 \\ 110V & A & 110 \\ 220V & A & 12\\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $ \begin{array}{c} 224V & A & 140 \\ 48V & A & 140 \\ 75V & A & 140 \\ 110V & A & 110 \\ 220V & A & 12\\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $ \begin{array}{c} 224V & A & 140 \\ 75V & A & 140 \\ 75V & A & 120 \\ 220V & A & 125\\ \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $ \begin{array}{c} 224V & A & 140 \\ 75V & A & 120 \\ 220V & A & 125\\ \end{array} $. , ,		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	Α	45
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c cccc} 440 & kW & 55 \\ 500 & kW & 75 \\ 690 & kW & 90 \\ 1000 & kW & 45 \end{array} \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \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 DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A14048VA14075VA100110VA10220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A14048VA14048VA14048VA14075VA140110VA110220VA12IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A14048VA14075VA14048VA14075VA155110VA120220VA125IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\leq 24V$ A1401EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\leq 24V$ A140				
$ \leq 24V A \qquad 140 \\ 48V A \qquad 140 \\ 75V A \qquad 100 \\ 110V A \qquad 10 \\ 220V A \qquad - $ IEC max current le in DC1 with L/R < 1ms with 2 poles in series $ \leq 24V A \qquad 140 \\ 48V A \qquad 140 \\ 75V A \qquad 140 \\ 110V A \qquad 110 \\ 220V A \qquad 12 \\ $ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $ \leq 24V A \qquad 140 \\ 110V A \qquad 110 \\ 220V A \qquad 12 \\ $ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $ \leq 24V A \qquad 140 \\ 110V A \qquad 110 \\ 220V A \qquad 12 \\ $ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $ \leq 24V A \qquad 140 \\ 48V A \qquad 140 \\ 75V A \qquad 155 \\ 110V A \qquad 120 \\ 220V A \qquad 125 \\ $ IEC max current le in DC1 with L/R < 1ms with 4 poles in series $ \leq 24V A \qquad 140 \\ 75V A \qquad 125 \\ $		1000V	kW	45
$ \begin{array}{cccc} 48 & A & 140 \\ 75 & A & 100 \\ 110 & A & 10 \\ 220 & A & - \end{array} \\ \hline \begin{tabular}{ll} IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series \\ \hline \\ & & & & & & & & & & & & & & & & &$	IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
$\begin{array}{c cccc} 75 & A & 100 \\ 110 & A & 10 \\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\begin{array}{c ccccc} \leq 24 & A & 140 \\ 48 & A & 140 \\ 75 & A & 140 \\ 110 & A & 110 \\ 220 & A & 12 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$			А	
$\begin{array}{c cccc} 110 \lor & A & 10 \\ 220 \lor & A & - \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 140 48V A 140 75V A 140 110V A 110 220V A 12 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 140 48V A 140 220V A 12 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 140 48V A 140 220V A 155 110V A 120 220V A 125 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 140			A	10
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	A	_
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
$\begin{array}{cccc} 75 & A & 140 \\ 110 & A & 110 \\ 220 & A & 12 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{cccc} \leq 24 & A & 140 \\ 48 & A & 140 \\ 75 & A & 155 \\ 110 & A & 120 \\ 220 & A & 125 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\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 DC1 with L/R \leq 1ms with 3 poles in series $\leq 24V$ A14048VA14075VA155110VA120220VA125				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	A	12
$ \begin{array}{cccc} 48 V & A & 140 \\ 75 V & A & 155 \\ 110 V & A & 120 \\ 220 V & A & 125 \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \mbox{$\leq 24V$} & A & 140 \end{array} $	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
$\begin{array}{cccc} 75 \ensuremath{\mathbb{V}} & \ensuremath{A} & 155 \\ 110 \ensuremath{\mathbb{V}} & \ensuremath{A} & 120 \\ 220 \ensuremath{\mathbb{V}} & \ensuremath{A} & 125 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 4 poles in series $\leq 24 \ensuremath{\mathbb{V}} & \ensuremath{A} & 140 \end{array}$				
$\begin{array}{c c} 110 V & A & 120 \\ 220 V & A & 125 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 4 poles in series $\leq 24 V \qquad A \qquad 140$				
220VA125IEC max current le in DC1 with L/R \leq 1ms with 4 poles in series \leq 24VA140				
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 140				
≤24V A 140		220V	A	125
	IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
48V A 140				
		48V	А	140



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 50/60HZ, 230VAC

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	75V	А	155
	110V	А	140
	220V	А	140
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series			
	≤24V	А	140
	48V	А	44
	75V	А	36
	110V	А	6
	220V	А	-
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series			
	≤24V	А	140
	48V	А	63
	75V	A	60
	110V	A	55
	220V	A	7
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series	2201		•
	≤24V	А	140
	48V	A	115
	48V 75V	A	90
	110V	A	90 85
	220V	A	85 76
$I_{\rm EC}$ may summat be in DC2 DC5 with $1/D < 45$ may with 4 rates in carias	2200	A	70
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series	-0.01	•	4.40
	≤24V	A	140
	48V	A	110
	75V	A	110
	110V	A	105
		Λ	95
	220V	A	
Short-time allowable current for 10s (IEC/EN60947-1)	2200	A	760
Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse		A	760
	gG (IEC)	A	760 160
Protection fuse		A A A	760 160 100
Protection fuse Making capacity (RMS value)	gG (IEC)	A	760 160
Protection fuse	gG (IEC) aM (IEC)	A A A A	760 160 100 1200
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A	760 160 100
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC)	A A A A	760 160 100 1200
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A A	760 160 100 1200 1100
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V 500V	A A A A A A	760 160 100 1200 1100 775
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	gG (IEC) aM (IEC) 440V 500V	A A A A A A A	760 160 100 1200 1100 775 745
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	gG (IEC) aM (IEC) 440V 500V	A A A A A A A	760 160 100 1200 1100 775 745
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	760 160 100 1200 1100 775 745 0.45
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith	A A A A A A A MΩ W	760 160 100 1200 1100 775 745 0.45 8.8
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith	A A A A A A A MΩ W	760 160 100 1200 1100 775 745 0.45 8.8
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3	A A A A A A MΩ W W	760 160 100 1200 1100 775 745 0.45 8.8 4.1
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min	A A A A A A MΩ W W W	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min	A A A A A A A MΩ W W W Nm Nm Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max	A A A A A A A M Ω W W W Nm Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max	A A A A A A A A MΩ W W W W Nm Ibin Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max min max min	A A A A A A A M Ω W W W W Nm Ibin Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max	A A A A A A A A MΩ W W W W Nm Ibin Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal Conductor section	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max min max min	A A A A A A A M Ω W W W W Nm Ibin Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max min max min max min	A A A A A A A M Ω W W W W Nm Ibin Ibin Ibin	760 160 100 1200 1100 775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59

BF9500A230



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 50/60HZ,

BF9500A230 230VAC

	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
Power terminal protect	ion according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				
Operating position		normal		Vertical plan
		allowable		±30°
		allowable		
Fixing				Screw / DIN rail
NA (. 1 . 1 . (35mm
Weight			g	2020
Conductor section				
	AWG/kcmil conductor section			
		max		2/0
Auxiliary contact chara	cteristics			
Thermal current Ith			А	140
Operations				
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
AC coil operating			·	
Rated AC voltage at 50	D/60Hz		V	230
AC operating voltage				
, të operating renage	of 50/60Hz coil powered at 50Hz			
	pick-up			
	plok up	min	%Us	80
		max	%Us	110
	drop out	IIIdA	/005	110
	drop-out	min	%Us	20
		min	%Us %Us	20 55
		max	%05	55
	of 50/60Hz coil powered at 60Hz			
	pick-up		0/11	<u></u>
		min	%Us	85
		max	%Us	110
	drop-out			
		min	%Us	40
		max	%Us	55
AC average coil consu	•			
	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
		holding	VA	17
	of 60Hz coil powered at 60Hz			
	·	in-rush	VA	300
		holding	VA	20
Dissipation at holding	≤20°C 50Hz		W	6.5
Max cycles frequency				
Max eyeles nequency Mechanical operation			cycles/h	1500
Operating times			0,0100/11	
	optrol			
Average time for Us co	лиог			

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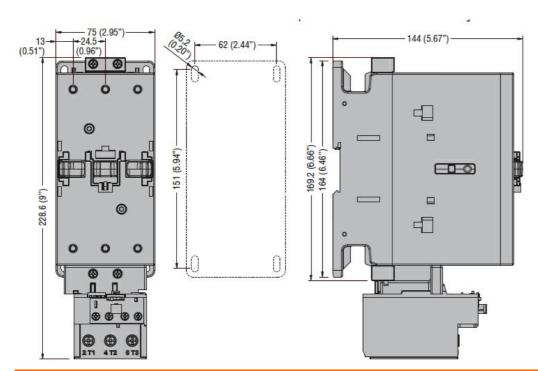


THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 95A, AC COIL 50/60HZ,

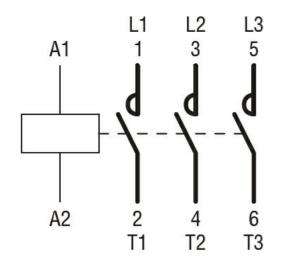
230VAC

	in AC				
		Closing NO			
			min	ms	16
			max	ms	32
		Opening NO			
			min	ms	9
			max	ms	24
UL technical data					
Yielded mechanical per					
	for three-phase AC mo	otor			
			200/208V	HP	30
			220/230V	HP	30
			460/480V	HP	60
<u> </u>			575/600V	HP	75
General USE					
	Contactor			_	
			AC current	A	150
Short-circuit protection					
	High fault				
			Short circuit current	kA	100
			Fuse rating	А	200
			Fuse class		J
	Standard fault				4.0
			Short circuit current	kA	10
			Fuse rating	А	250 DK5
Archient conditions			Fuse class		RK5
Ambient conditions					
Temperature					
	Operating temperature)		• •	50
			min	°C	-50
	<u>Otana na tana anatana</u>		max	°C	70
	Storage temperature			° ^	60
			min	°C	-60
NA Mit - L -			max	°C	+80
Max altitude				m	3000
Dimensions [mm (in)]					





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		
	000	
	cULus	
ETIM classification	ר ר	
ETIM 8.0		EC000066 - Power contactor, AC switching

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