



Product designation         Power contactor           Product type designation         BF115           Contract characteristics         Number of poles         Nr. 4           Rated insulation voltage UIEC/EN         V         1000           Rated insulation voltage UIEC/EN         V         8           Operational frequency         min         Hz         25           max         H2         400         160           Operational free air thermal current lth         A         160           Operational current le         AC-1 (\$40°C)         A         180           AC-1 (\$55°C)         A         115         AC-4 (\$40°V)         A         54           Rated operational current AC-3 (T≤55°C)         230V         A         115         400V         A         115           400V         A         115         400V         A         115         400V         A         115           416V         A         115         40VV         A         115         40VV         A         106           690V         A         116         40VV         A         160         75V         A         120           110V         A         10         220V				
Contact characteristicsNumber of polesNr. 4Rated insulation voltage UI IEC/ENV1000Rated insulation voltage UIIED/ENV8Operational frequencyminH225maxH2400IEC Conventional free air thermal current IthA160Operational current leAC-1 (≤40°C)A160Operational current leAC-1 (≤55°C)A115AC-3 (≤440V ≤55°C)A115AC-4 (400V)ARated operational current AC-3 (T≤55°C)230VA115400VA115440VA115400VA115550VA106690VA1061000VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA16075VA120110VA16048VA16075VA160110VA16075VA160120VA16075VA160110VA16075VA160120VA1416075VA16016C max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA16016D75VA16075VA160110VA140220VA160110VA16075VA160110VA16075V <th>Product designation</th> <th></th> <th></th> <th>Power contactor</th>	Product designation			Power contactor
Contact characteristicsNumber of polesNr. 4Rated insulation voltage UI IEC/ENV1000Rated insulation voltage UIIED/ENV8Operational frequencyminH225maxH2400IEC Conventional free air thermal current IthA160Operational current leAC-1 (≤40°C)A160Operational current leAC-1 (≤55°C)A115AC-3 (≤440V ≤55°C)A115AC-4 (400V)ARated operational current AC-3 (T≤55°C)230VA115400VA115440VA115400VA115550VA106690VA1061000VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA16075VA120110VA16048VA16075VA160110VA16075VA160120VA16075VA160110VA16075VA160120VA1416075VA16016C max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA16016D75VA16075VA160110VA140220VA160110VA16075VA160110VA16075V <td>Product type designation</td> <td></td> <td></td> <td>BF115</td>	Product type designation			BF115
Rated insulation voltage Ui IEC/ENV1000Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400160Operational current leAC-1 (s40°C)A160Operational current leAC-1 (s40°C)A115AC-3 (s440V s55°C)A115AC-3 (s440V s55°C)A115AC-3 (s440V s55°C)A115Adov A54Rated operational current AC-3 (T≤55°C)230VA115415VA115440VA115400VA115500VA106100VA115500VA106100VA106100VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in seriesS24VA16048VA16075VA120110VA10220VA14IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in seriesS24VA160120VA130220VA14IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in seriesS24VA160120VA140220VA140120VA140220VA140120VA16075VA160120VA140220VA140120VA140220VA140120V <t< td=""><td></td><td></td><td></td><td></td></t<>				
Rated impulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA160Operational current leAC-1 (\$40°C)A160AC-1 (\$55°C)A115AC-3 (\$440V \$55°C)A115AC-3 (\$440V \$55°C)A115AC-4 (400V)A54Rated operational current AC-3 (T≤55°C)230VA115440VA115440VA115440VA115500VA106690VA1061000VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series\$24VA16075VA120110VA10220VA16220VA16110VA100220VA14IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series\$24VA160120VA130220VA14IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series\$24VA160120VA140220VA14IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series\$24VA160120VA140220VA145IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series\$24VA160120VA145160	Number of poles		Nr.	4
Operational frequency       min       Hz       25         max       Hz       400         IEC Conventional free air thermal current lth       A       160         Operational current le       AC-1 (s40°C)       A       160         AC-1 (s55°C)       A       130       AC-1 (s70°C)       A       115         AC-3 (s440V s55°C)       A       115       AC-3 (s440V s55°C)       A       115         AC-4 (400V)       A       115       AC-4 (400V)       A       115         AC-4 (400V)       A       115       A00V       A       115         AC-4 (400V)       A       115       A00V       A       115         A00V       A       115       A00V       A       115         440V       A       115       A00V       A       106         690V       A       106       690V       A       106         690V       A       106       48V       A       160         75V       A       120       110V       A       10       220V       A       160         100V       A       130       220V       A       14       160       14V       A	Rated insulation voltage Ui IEC/EN		V	1000
min         Hz         25 Hz         400           IEC Conventional free air thermal current lth         A         160           Operational current le         AC-1 (\$40°C)         A         160           AC-1 (\$55°C)         A         130         AC-1 (\$55°C)         A         130           AC-3 (\$440V \$55°C)         A         115         AC-3 (\$440V \$55°C)         A         115           AC-3 (\$440V \$55°C)         A         115         AC-4 (400V)         A         54           Rated operational current AC-3 (T≤55°C)         230V         A         115         400V         A         115           440V         A         115         500V         A         106         690V         A         106           1000V         A         39         IEC         Max current le in DC1 with L/R ≤ 1ms with 1 poles in series         \$24V         A         160           75V         A         120         10         220V         A         160           75V         A         160         75V         A         160         110V         A         160           75V         A         160         75V         A         160         110V         A <td< td=""><td>Rated impulse withstand voltage Uimp</td><td></td><td>kV</td><td>8</td></td<>	Rated impulse withstand voltage Uimp		kV	8
max         Hz         400           IEC Conventional free air thermal current lth         A         160           Operational current le         AC-1 (s55°C)         A         130           AC-1 (s55°C)         A         130         AC-1 (s55°C)         A         115           AC-3 (s40°C)         A         115         AC-4 (400V)         A         54           Rated operational current AC-3 (T≤55°C)         230V         A         115         400V         A         115           400V         A         115         400V         A         115         400V         A         115           400V         A         115         400V         A         115         500V         A         106           900V         A         106         690V         A         106         690V         A         106           1000V         A         39         IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series         ≤24V         A         160           75V         A         120         110V         A         10           220V         A         160         75V         A         160           110V         A         160	Operational frequency			
IEC Conventional free air thermal current IthA160Operational current leAC-1 (≤40°C)A160AC-1 (≤55°C)A130AC-1 (≤70°C)A115AC-3 (≤440V ≤55°C)A115AC-4 (400V)A54Rated operational current AC-3 (T≤55°C)230VA115400VA115400VA115440VA115440VA115400VA115440VA115500VA106690VA1061000VA391061000VA391061000VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series524VA16075VA120110VA10220VA-16048VA16075VA160110VA1301EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series524VA1601EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA160110VA140220VA14IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA160110VA160110VA1401EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series524VA160110VA140220VA141EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series <td< td=""><td></td><td>min</td><td>Hz</td><td>25</td></td<>		min	Hz	25
Operational current le         AC-1 (s40°C)         A         160           AC-1 (s55°C)         A         130         AC-1 (s55°C)         A         115           AC-3 (s440V s55°C)         A         115         AC-4 (400V)         A         54           Rated operational current AC-3 (T≤55°C)         230V         A         115         400V         A         115           400V         A         115         400V         A         115           415V         A         115         410V         A         115           416V         A         115         500V         A         106           690V         A         106         690V         A         106           100V         A         39         100V         A         120           110V         A         10         220V         A         -           1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series         \$24V         A         160           110V         A         10         220V         A         14           1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series         \$24V         A         160           110V         A         130		max	Hz	400
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC Conventional free air thermal current Ith		А	160
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Operational current le			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-1 (≤40°C)	А	160
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			А	
AC-3 (st400V ≤55°C)       A       115         AC-4 (400V)       A       54         Rated operational current AC-3 (T≤55°C)       230V       A       115         400V       A       115       416V       A       115         410V       A       115       500V       A       106         500V       A       106       690V       A       106         1000V       A       39       115       1000V       A       39         IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       \$24V       A       160         48V       A       160       75V       A       120         110V       A       10       220V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       \$24V       A       160         48V       A       160       110V       A       130         220V       A       14       110       14         IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       \$24V       A       160         48V       A       160       75V       A       160         110V       A       140       220V       A <td></td> <td>. ,</td> <td></td> <td></td>		. ,		
AC-4 (400V)       A       54         Rated operational current AC-3 (T≤55°C)       230V       A       115         400V       A       115       415V       A       115         415V       A       115       500V       A       106         690V       A       106       690V       A       106         1000V       A       39       115       110       A       106         100V       A       39       110       A       100       A       100       A       10       220V       A       160       48V       A       160       75V       A       120       110V       A       10       220V       A       -       10       220V       A       -       160       48V       A       160       110V       A       130       220V       A       14       110V       A       130       220V       A       14       160       75V       A       160       110V       A       160       75V       A       160       110V       A       140       220V       A       14       160       75V       A       160       75V       A       160       75V				
Rated operational current AC-3 (T≤55°C)230VA115400VA115400VA115415VA115500VA106690VA106100VA39IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $≤24V$ A16048VA16075VA120110VA10220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤24V$ A16048VA16075VA160110VA130220VA14IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤24V$ A16048VA16075VA160110VA140220VA145IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤24V$ A16075VA160110VA140220VA145160110VA110VA140220VA145IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $≤24V$ A160110VA145145145IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $≤24V$ A160		. , , , , , , , , , , , , , , , , , , ,		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational current AC-3 (T<55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		230V	А	115
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			А	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			А	
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series       ≤24V       A       160         48V       A       160       75V       A       120         110V       A       10       220V       A       -         IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       ≤24V       A       160         48V       A       160       48V       A       160         75V       A       160       48V       A       160         1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       ≤24V       A       160         1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       ≤24V       A       160         1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       ≤24V       A       160         110V       A       160       110V       A       160         120V       A       160       110V       A       140         120V       A       140       220V       A       145         1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series       ≤24V       A       160         110V       A       140       220V       A       145		1000V	А	
$ \begin{array}{c} \leq 24 \vee & A & 160 \\ 48 \vee & A & 120 \\ 75 \vee & A & 120 \\ 110 \vee & A & 10 \\ 220 \vee & A & - \end{array} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 2 poles in series} \\ \hline \\ \leq 24 \vee & A & 160 \\ 48 \vee & A & 160 \\ 75 \vee & A & 160 \\ 110 \vee & A & 130 \\ 220 \vee & A & 14 \end{array} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 3 poles in series} \\ \hline \\ \leq 24 \vee & A & 160 \\ 48 \vee & A & 160 \\ 110 \vee & A & 130 \\ 220 \vee & A & 14 \end{array} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 3 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R < 1ms with 4 poles in series } \\ \hline \\ IEC max current le in DC1 with L$	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
$ \begin{array}{cccc} 48V & A & 160 \\ 75V & A & 120 \\ 110V & A & 10 \\ 220V & A & - \end{array} \\ \hline \begin{tabular}{ll} IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series \\ \hline & \leq 24V & A & 160 \\ 48V & A & 160 \\ 75V & A & 160 \\ 110V & A & 130 \\ 220V & A & 14 \end{array} \\ \hline \begin{tabular}{ll} IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline & \leq 24V & A & 160 \\ 48V & A & 160 \\ 75V & A & 160 \\ 48V & A & 160 \\ 75V & A & 160 \\ 110V & A & 140 \\ 220V & A & 145 \end{array} \\ \hline \begin{tabular}{ll} IEC max current le in DC1 with L/R \leq 1ms with 4 poles in series \\ \hline & \epsilon = 24V & A & 160 \\ 110V & A & 140 \\ 220V & A & 145 \end{array} \\ \hline \end{tabular}$		≤24V	А	160
$\begin{array}{c cccc} 75 & A & 120 \\ 110 & A & 10 \\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R < 1ms with 2 poles in series $\begin{array}{c cccccc} \leq 24 & A & 160 \\ 48 & A & 160 \\ 75 & A & 160 \\ 110 & A & 130 \\ 220 & A & 14 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 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 $		75V	А	120
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series       ≤24V       A       160         48V       A       160         75V       A       160         110V       A       130         220V       A       14         IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       ≤24V       A       160         48V       A       160       48V       A       160         75V       A       160       110V       A       160         1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       ≤24V       A       160         110V       A       140       220V       A       145         IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series         ≤24V       A       160         110V       A       140       220V       A       145         IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series		110V	А	10
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		220V	А	_
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
$\begin{array}{cccc} 75 & A & 160 \\ 110 & A & 130 \\ 220 & A & 14 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{cccc} \leq 24 & A & 160 \\ 48 & A & 160 \\ 75 & A & 160 \\ 110 & A & 140 \\ 220 & A & 145 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	160
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	160
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	160
$\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} \leq 24 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 48 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 75 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 110 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 140 \\ 220 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 145 \\ \hline \ensuremath{IEC} \ensuremath{max} \ensuremath{current} \ensuremath{lensuremath{\mathbb{R}} & \ensuremath{subs} \ensuremath{subs} \ensuremath{subs} \\ \leq 24 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ \hline \ensuremath{subs} \mathsf{$		220V		
$ \begin{array}{c c} \leq 24 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 48 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 75 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ 110 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 140 \\ 220 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 145 \\ \hline \ensuremath{IEC} \ensuremath{max} \ensuremath{current} \ensuremath{lensuremath{\mathbb{R}} & \ensuremath{subs} \ensuremath{subs} \ensuremath{subs} \\ \leq 24 \ensuremath{\mathbb{V}} & \ensuremath{\mathbb{A}} & 160 \\ \hline \ensuremath{subs} \mathsf{$	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
$ \begin{array}{cccc} 48V & A & 160 \\ 75V & A & 160 \\ 110V & A & 140 \\ 220V & A & 145 \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 4 poles in series} \\ \hline \mbox{\le} 24V & A & 160 \end{array} $		≤24V	А	160
$\begin{array}{cccc} 75 \ensuremath{V} & \ensuremath{A} & 160 \\ 110 \ensuremath{V} & \ensuremath{A} & 140 \\ 220 \ensuremath{V} & \ensuremath{A} & 145 \end{array}$ IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series $\leq 24 \ensuremath{V} & \ensuremath{A} & 160 \end{array}$			А	
$\begin{array}{c c} 110 V & A & 140 \\ 220 V & A & 145 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 4 poles in series $\leq 24 V \qquad A \qquad 160$				
220VA145IEC max current le in DC1 with L/R < 1ms with 4 poles in series				
IEC max current le in DC1 with L/R $\leq$ 1ms with 4 poles in series $\leq 24V$ A 160				
≤24V A 160	IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	,	≤24V	А	160



**BF115T4A57560** FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 160A, AC COIL 60HZ, 575VAC

	75V	А	160
	110V	А	160
	220V	А	160
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series			
	≤24V	А	160
	48V	А	50
	75V	А	40
	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	160
	48V	A	72
	75V	A	65
	110V	A	65
	220V	A	7
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series	220 V	~	1
The max current le in DC3-DC3 with $L/R \leq 15$ mit 3 poles in series	<241	٨	160
	≤24V	A	160
	48V	A	150
	75V	A	100
	110V	A	100
	220V	A	92
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series			
	≤24V	A	160
	48V	А	120
	75V	А	120
	110V	А	125
	220V	Α	115
Short-time allowable current for 10s (IEC/EN60947-1)		А	920
Protection fuse			
	gG (IEC)	А	200
	aM (IEC)	А	125
Making capacity (RMS value)		А	1500
Breaking capacity at voltage			
	440V	А	1200
	500V	А	850
	690V	A	905
Resistance per pole (average value)		mΩ	0.45
Power dissipation per pole (average value)			0110
i ower dissipation per pole (average value)	lth	W	11.5
	AC-3	W	6.0
Tightening torque for terminals	70-0	vv	0.0
rightening torque for terminals		Nim	6
	min	Nm	6
	max	Nm	7
	min	Ibin	4.4
	max	Ibin	5.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.59
	max	lbin	0.74
Conductor section			
AWG/Kcmil			
	max		2/0



BF115T4A57560 FOUR-POLE CONTACTO

R, IEC OPERATING CURRENT ITH (AC1) = 160A, AC COIL 60HZ,	
575VAC	

min       mm²       1.5         max       mm²       70         Flexible c/w lug conductor section       min       mm²       1.5         max       mm²       70         Power terminal protection according to IEC/EN 60529       IP20 front         Mechanical features       IP20 front         Operating position       normal       Vertical plan         allowable       ±30°					
max         mm²         70           Flexible c/w lug conductor section         min         mm²         1.5           max         mm²         70           Mechanical features         0         120 font           Operating position         normal allowable         ±30°           Fixing         0         Screw / Din 35mm           Weight         g         2420           Conductor section         max         2/0           Operating         g         2420           Conductor section         max         2/0           Operations         g         2420           Conductor section         max         2/0           Operations         g         2420           Conductor section         max         2/0           Operating         g         2420           Conductor section         max         2/0           AC operating voltage at 60Hz         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz         v         55           AC operating voltage         of 60Hz coil powered at 60Hz         max         %US         55           AC average coil consumption at 20°C         of 60Hz coil powered at 60Hz		Flexible w/o lug conductor section			
Flexible c/w lug conductor section       min       mm²       1.5         max       mm²       7.0         Power terminal protection according to IEC/EN 60529       IP20 front         Mechanical features       ormal       allowable       ±30°         Fixing       Screw / DIN         Weight       g       2420         Conductor section       max       2/0         Mechanical life       cycles       1500000         Electrical life       cycles       1500000         Mechanical life       cycles       1500000         Electrical life       cycles       1500000         Ac operating voltage       of 50/60Hz coil powered at 50Hz       v       575         AC operating voltage       of 50/60Hz coil powered at 60Hz       max       %Us       55         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       max       %Us       55         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300         Mechanical operation       cycles       1500       0       0       0         Mechanical operation       cycles       1500       0       0       0       0       0       0       <			min		
min mm² 1.5 max mm² 70 Power terminal protection according to IEC/EN 60529 Mechanical features Operating position Fixing 0 Fixing 0 Melpht 0 Conductor section AWG/kcmil conductor section AWG/kcmil conductor section AWG/kcmil conductor section Mechanical life 0 Electrical life 0 Conductor section AC coll operating 0 AC od operating 0 AC operating voltage at 60Hz 0 of 60Hz coil powered at 50Hz 0 drop-out 0 min %4Us 55 AC operating voltage 0 for 60Hz coil powered at 50Hz 0 of 60Hz coil powered at 60Hz 0 min %4Us 55 AC average coil consumption at 20°C 0 of 60Hz coil powered at 60Hz 0 max %4Us 55 AC average coil consumption at 20°C 0 for 60Hz coil powered at 60Hz 0 max %4Us 55 AC average coil consumption at 20°C 0 for 60Hz coil powered at 60Hz 0 max %4Us 55 AC average coil consumption at 20°C 0 for 60Hz coil powered at 60Hz 0 max %4Us 55 AC average coil consumption at 20°C 0 for 60Hz coil powered at 60Hz 0 max %4Us 55 AC average time for Us control 0 in AC 0 Closing NO 0 min ms 9 max ms 24 UL technical data 0 max m			max	mm²	70
max         mm²         70           Power terminal protection according to IEC/EN 60529         IP20 front           Mechanical features         normal         Vertical plan           Operating position         normal         Vertical plan           allowable         ±30°         Screw / DN           Fixing         g         2420           Conductor section         g         2420           Conductor section         max         2/0           Operating         g         2420           Conductor section         max         2/0           Accoll operating         max         2/0           Operations         max         2/0           Ac coll operating         max         55           AC coll operating         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz         w           drop-out         min         %Us         50           max         %Us         55         55           AC average coil consumption at 20°C         max         %Us         55           AC average coil consumption at 20°C         of 60Hz coil powered at 60Hz         in-rush         %Us         50           MacAcycles frequency		Flexible c/w lug conductor section			
Power terminal protection according to IEC/EN 60529 IP20 front Metchanical features Operating position normal vertical plan allowable ±30" Screw / DIN 35mm Weight g 2420 Conductor section AWG/kcmil conductor section AWG/kcmil conductor section AWG/kcmil conductor section conductor section AC coll operating Ac coll operating Ac coll operating Ac operating voltage at 60Hz of 60Hz coil powered at 50Hz drop-out min %US 80 max %US 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 300 holding VA 20 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Average time for Us contol in AC Closing NO min ms 16 max ms 32 VL technical data General USE			min	mm²	
Mechanical features Operating position normal Vertical plan allowable ±30° Fixing Screw / DIN Screw /			max	mm²	
Operating position         normal allowable         Vertical plat ±30"           Fixing         Screw / DIN 35mm           Weight         g         2420           Conductor section         max         2/0           Operations         max         2/0           Mechanical life         cycles         15000000           Electrical life         cycles         15000000           AC coli operating         v         575           AC operating of 50/60Hz coil powered at 50Hz         v         575           AC operating of 50/60Hz coil powered at 50Hz         max         %US         55           AC operating of 60Hz coil powered at 60Hz         max         %US         55           AC average coll consumption at 20°C of 60Hz coil powered at 60Hz         min         %US         20           Max cycles frequency         w         2.5         Max cycles frequency         max         %US           Max cycles frequency         w         2.5         Max cycles frequency         1500           Operating times         verage time for Us control in AC         closing NO         min         ms         16           Max cycles frequency         max         ms         32         max         ms         32	Power terminal protect	tion according to IEC/EN 60529			IP20 front
normal allowable         Vertical plan + 30°           Fixing	Mechanical features				
allowable         ±30°           Fixing         Screw / DN Ssmm           Weight         g         2420           Conductor section         max         2/0           Operations         max         2/0           Mechanical life         cycles         1500000           Electrical life         cycles         1500000           AC operating         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz         max         %Us         55           of 60Hz coil powered at 60Hz         min         %Us         55         55           AC average coil consumption at 20°C         of 60Hz coil powered at 60Hz         in-rush         VA         300           bidging         x20°         max         %Us         55         55           AC average coil consumption at 20°C         of 60Hz coil powered at 60Hz         in-rush         VA         300           bidging         x20°         max         %Us         55         55           AC average coil consumption at 20°C         of 60Hz coil powered at 60Hz         in-rush         VA         300           bindcing </td <td>Operating position</td> <td></td> <td></td> <td></td> <td></td>	Operating position				
Fixing       Screw / DIN         Weight       g       2420         Conductor section       AWG/kcmil conductor section       max       2/0         Operations       max       2/0         Mechanical life       cycles       1500000         Electrical life       cycles       1500000         AC coil operating       v       575         AC operating voltage       of 50/60Hz coil powered at 50Hz       max       %Us       55         AC operating voltage       of 60Hz coil powered at 60Hz       max       %Us       55         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300         Motiong       vA       20       20       20       20       20       20         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300       holding       VA       20       20       20       25       20       25       25       20       25       25       26       26       26       26       26       26       26       26       26       26       26       26       26       26       26       26       26       26       26       2			normal		Vertical plan
Fixing       35mm         Weight       g       2420         Conductor section       max       g       2420         Operations       max       2/0         Mechanical life       cycles       1500000         AC coil operating       cycles       1200000         AC coil operating       v       575         AC operating voltage at 60Hz       v       575         AC operating voltage at 60Hz       v       575         of 60Hz coil powered at 50Hz       min<%Us			allowable		±30°
Weight         g         2420           Conductor section         AWG/kcmil conductor section         max         2/0           Operations         cycles         1500000           Mechanical life         cycles         1500000           Electrical life         cycles         1200000           AC coil operating         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz drop-out         max         %Us         55           AC operating voltage         of 60Hz coil powered at 60Hz pick-up         min         %Us         51           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         in-rush         VA         300           biolding ≤20°C 50Hz         W         2.5         Max cycles frequency         w         2.5           Macrage time for Us control in AC         Closing NO         min         ms         16           Opening NO         min         ms         16         max         32           Questional data         General USE         Min         ms         24	Fixing				Screw / DIN rail
Conductor section       max       2/0         AWG/kcmil conductor section       max       2/0         Operations       cycles       1500000         Mechanical life       cycles       1200000         AC coil operating       restance       v       575         AC coll operating voltage       of 50/60Hz coil powered at 50Hz       v       575         AC operating voltage       of 50/60Hz coil powered at 60Hz       max       %Us       55         of 60Hz coil powered at 60Hz       min       %Us       80       max         drop-out       min       %Us       20       110         drop-out       min       %Us       20       20       20         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300       holding       VA       20         Dissipation at holding ≤20°C 50Hz       W       2.5       VA       20	Woight	<u></u>		~	
AWG/kcmil conductor section         max         2/0           Operations                   1500000            1200000            1200000            1200000            1200000               1200000              1200000                   320000              320000                   32000 <td></td> <td></td> <td></td> <td>g</td> <td>2420</td>				g	2420
max         2/0           Operations	Conductor section				
Operations       cycles       15000000         Electrical life       cycles       1200000         AC coil operating       respective       1200000         Rated AC voltage at 60Hz       V       575         AC operating voltage       of 50/60Hz coil powered at 50Hz drop-out       max       %Us       55         of 60Hz coil powered at 60Hz pick-up       min       %Us       80         drop-out       min       %Us       80         drop-out       min       %Us       110         drop-out       min       %Us       20         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300         holding       VA       20       20       20       20       20         AC average coil consumption at 20°C       of 60Hz coil powered at 60Hz       in-rush       VA       300         holding       VA       20       20       20       20       20         Dissipation at holding ≤20°C 50Hz       W       2.5       32       32       32         Mechanical operation       cycles/h       1500       20       20       20         Opening NO       min       ms       32		AWG/kcmil conductor section			0/0
Mechanical life         cycles         1500000           Electrical life         cycles         120000           AC coil operating         v         575           AC operating voltage         v         575           AC operating voltage         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz drop-out         v         55           of 60Hz coil powered at 60Hz pick-up         max         %Us         80 max           Mechanical powered at 60Hz         max         %Us         110           drop-out         min         %Us         20           max         %Us         55         5           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         max         %Us         55           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         max         %Us         55           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         w         20         0           Dissipation at holding <20°C 50Hz	Onerotions		max		2/0
Electrical life cycles 120000 AC coll operating Rated AC voltage at 60Hz V 575 AC operating voltage of 50/60Hz coil powered at 50Hz drop-out 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 300 holding VA 20 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data General USE				a	15000000
AC coil operating         v         575           Rated AC voltage at 60Hz         v         575           AC operating voltage         of 50/60Hz coil powered at 50Hz drop-out         max         %Us         55           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         20           Dissipation at holding ≤20°C 50Hz         W         2.5         Max cycles frequency         w         2.5           Average time for Us control in AC         Closing NO         min         ms         16           Max         ms         32         Opening NO         min         ms         32           Opening NO         min         ms         32         0         max         ms         32				-	
Rated AC voltage at 60Hz         V         575           AC operating voltage of 50/60Hz coil powered at 50Hz drop-out         max         %Us         55           of 60Hz coil powered at 60Hz pick-up         min         %Us         80           drop-out         min         %Us         80           drop-out         min         %Us         110           drop-out         min         %Us         110           drop-out         min         %Us         55           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         in-rush         VA         300 holding           Max cycles frequency         w         2.5         Max cycles frequency         solution           Mechanical operation         cycles/h         1500         Operating times           Average time for Us control in AC         Closing NO         min         ms         16 max           Max         Qpening NO         min         ms         32           Opening NO         min         ms         24           UL technical data         use         24				cycles	1200000
AC operating voltage of 50/60Hz coil powered at 50Hz drop-out 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 Network with a solution of the solut					
of 50/60Hz coil powered at 50Hz drop-out max %Us 55 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 of 60Hz coil powered at 60Hz AC average coil consumption at 20°C of 60Hz coil powered at 60Hz Network with a solution of the s		)Hz		V	575
drop-out         max         %Us         55           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         min         %Us         55           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         in-rush holding         VA         300 holding           VA         20         v2.5         X         20           Dissipation at holding ≤20°C 50Hz         W         2.5           Max cycles frequency         W         2.5           Mechanical operation         cycles/h         1500           Operating times         X         32           Average time for Us control in AC         Closing NO         min         ms         32           Opening NO         min         ms         32         X         X           UL technical data         y24         X         X         X	AC operating voltage				
max         %Us         55           of 60Hz coil powered at 60Hz pick-up         min         %Us         80 max           min         %Us         110           drop-out         min         %Us         20 max           AC average coil consumption at 20°C of 60Hz coil powered at 60Hz         in-rush         VA         300 holding           VA         300         soo         20         20           Dissipation at holding ≤20°C 50Hz         W         2.5         300           Max cycles frequency         W         2.5         300           Mechanical operation         cycles/h         1500         300           Operating times         u         2.5         32           Average time for Us control in AC         min         ms         16 max         32           Opening NO         min         ms         32         32           Min         ms         32         32         32           Max         ms         32         32         32           Min         ms         9         32         32           Max         ms         32         32         32           Max         ms         24         324		•			
of 60Hz coil powered at 60Hz pick-up       min       %Us       80 max         drop-out       min       %Us       110         drop-out       min       %Us       20 max         AC average coil consumption at 20°C of 60Hz coil powered at 60Hz       min-rush       VA       300 holding         VA       20       20       20         Dissipation at holding ≤20°C 50Hz       W       2.5         Max cycles frequency       W       2.5         Average time for Us control in AC       cycles/h       1500         Opening NO       min       ms       16 max         Min       ms       32         Opening NO       min       ms       9 max         UL technical data       min       ms       24		drop-out			
$\begin{array}{c c} \mbox{pick-up} & \mbox{min} & \mbox{%Us} & \mbox{80} \\ \mbox{max} & \mbox{\%Us} & \mbox{20} \\ \mbox{55} \end{array}$ AC average coil consumption at 20°C of 60Hz coil powered at 60Hz & \mbox{max} & \mbox{\%Us} & \mbox{55} \end{array} AC average coil consumption at 20°C of 60Hz coil powered at 60Hz & \mbox{max} & \mbox{\%Us} & \mbox{55} \end{array} AC average coil consumption at 20°C $\mbox{max} & \mbox{\%Us} & \mbox{55} \end{array}$ AC average coil consumption at 20°C $\mbox{max} & \mbox{\%Us} & \mbox{55} \end{array}$ AC average coil consumption at 20°C $\mbox{max} & \mbox{\%Us} & \mbox{20} \end{array}$ Dissipation at holding $\leq 20^{\circ}$ C 50Hz & \mbox{W} & \mbox{2.5} \end{array} Max cycles frequency & \mbox{W} & \mbox{2.5} \end{array} Max cycles frequency & \mbox{W} & \mbox{2.5} \end{array} Average time for Us control in AC & \mbox{Closing NO} & \mbox{min} & \mbox{ms} & \mbox{16} \\ \mbox{Average time for Us control} & \mbox{min} & \mbox{ms} & \mbox{32} \\ \mbox{Opening NO} & \mbox{min} & \mbox{ms} & \mbox{32} \\ \mbox{min} & \mbox{ms} & \mbox{9} \\ \mbox{max} & \mbox{ms} & \mbox			max	%Us	55
$\begin{array}{cccc} & & & & & & & & & & & & & & & & & $		of 60Hz coil powered at 60Hz			
drop-outmax%Us110min%Us20max%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush holdingVA300in-rush holdingVA2020Dissipation at holding ≤20°C 50HzW2.5300Max cycles frequencyW2.5300Mechanical operationcycles/h1500Operating timesVA300Average time for Us control in ACminms16Max Opening NOminms32UL technical datauuuuGeneral USEUuuu		pick-up			
drop-outmin%Us20max%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush holdingVA300 holdingIn-rushVA300 holdingVA20Dissipation at holding ≤20°C 50HzW2.52.5Max cycles frequencyW2.5300 holdingVAMechanical operationcycles/h1500Operating timesVA20Average time for Us control in ACClosing NOminMaxms16 max32Opening NOminms9 maxUL technical dataUL technical dataUL technical data			min	%Us	80
min%Us20 maxAC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush holdingVA300 holdingIn-rush holdingVA2020Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyMechanical operationcycles/h1500Operating timesClosing NOminms16 max msAverage time for Us control in ACClosing NOminms32 Max maxOpening NOminms24UL technical dataUL technical dataUSEUSEUSEUSEUSE			max	%Us	110
max%Us55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush in-rush vAVA300 holding VADissipation at holding ≤20°C 50HzW2.5Max cycles frequencyW2.5Mechanical operationcycles/h1500Operating timesV4.00Average time for Us control in ACIn ACIn ACClosing NOmin maxms16 maxMaxms32 20UL technical dataus24		drop-out			
AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 300 holding VA 20 Dissipation at holding ≤20°C 50Hz W 2.5 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 General USE			min	%Us	20
of 60Hz coil powered at 60Hz in-rush VA 300 holding VA 20 Dissipation at holding ≤20°C 50Hz W 2.5 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 General USE			max	%Us	55
in-rush holdingVA 20300 20Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyW2.5Mechanical operationcycles/h1500Operating timescycles/h1500Average time for Us control in ACmin maxms16 maxOpening NOmin maxms9 max24UL technical datauseuseuse10General USEuseuseuse10	AC average coil consu	imption at 20°C			
in-rush holdingVA 20300 20Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyW2.5Mechanical operationcycles/h1500Operating timescycles/h1500Average time for Us control in ACmin maxms16 maxOpening NOmin maxms9 max24UL technical datauseuseuse10General USEuseuseuse10		of 60Hz coil powered at 60Hz			
holdingVA20Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyMechanical operationcycles/h1500Operating timesAverage time for Us control in ACClosing NOMinms16 maxMaxms32 maxOpening NOMinms9 maxUL technical dataGeneral USE			in-rush	VA	300
Dissipation at holding ≤20°C 50Hz W 2.5 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 General USE					
Max cycles frequencyMechanical operationcycles/h1500Operating timesAverage time for Us control in ACssClosing NOminms16 maxmsOpening NOminms32Opening NOminms9 maxmsUL technical datauuuGeneral USEUuu	Dissipation at holding		3		
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 General USE					
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 General USE				cycles/h	1500
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 General USE				,	
in AC Closing NO Min Ms 16 max Ms 32 Opening NO Min Ms 9 max Ms 24 UL technical data General USE		ontrol			
Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data General USE					
minms16maxms32Opening NOminms9maxms24UL technical dataundersityundersityGeneral USEundersityundersity					
maxms32Opening NOminms9maxms24UL technical dataundersityundersityGeneral USEundersityundersity			min	ms	16
Opening NO min ms 9 max ms 24 UL technical data General USE					
min ms 9 max ms 24 UL technical data General USE			Πάλ	113	52
max ms 24 UL technical data General USE			min	me	9
UL technical data General USE					
General USE	III technical data		Xbiii	1115	27
CODIACION	General USE	Contactor			
		Contactor		Δ.	405
AC current A 165			AC current	А	COI
Short-circuit protection fuse, 600V	Short-circuit protection	ITUSE, 600V			

BF115T4A57560 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

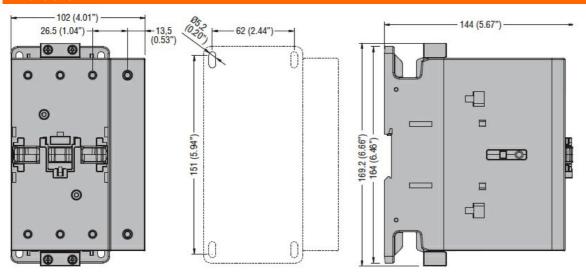


BF115T4A57560 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 160A, AC COIL 60HZ,

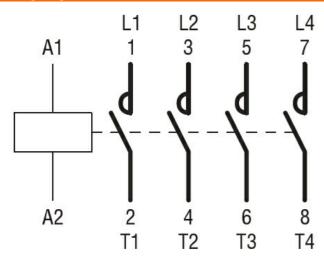
575VAC

	High fault			
		Short circuit current	kA	100
		Fuse rating	А	200
		Fuse class		J
	Standard fault			
		Short circuit 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			m	3000





## Wiring diagrams



## Certifications and compliance

Complia	nce
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CSA C22.2 n° 60947-1 CSA C22.2 n° 60947-4-1



## **BF115T4A57560** FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 160A, AC COIL 60HZ, 575VAC

	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