



Product type designation BF150 Contact characteristics Number of poles Nr. 3 Rated insulation voltage UIIEC/EN V 1000 Rated insulation voltage UIIPC N V 8 Operational frequency NI Hz 25 max Hz 400 IEC Conventional free air thermal current Ith A 165 Operational current Ie AC-1 (≤40°C) A 165 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 150 AC-3 (≤400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 415V kW 75 500V kW 90 6890V kW 100 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V kW 45 400V kW 75 500V kW 55 Rated operational current AC-3 (T≤55°C) 230V kW 45 400V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 400V A 150 400V A 150 400V A 150 410V A 150 110V A 150 410V A 165 48V A 165 75V A 150 110V A 165 48V A 165 75V A 150 48V A 165 75V A 150 48V A 165 75V A 150 110V A 150 48V A 165 75V A 150 48V A 165 75V A 150 48V A 165 75V A 150 110V A 150 110V A 150 110V A 150 110V A 150				
Contact characteristics Nr. 3 Number of poles Nr. 3 Rated insulation voltage UI IEC/EN V 1000 Rated insulation voltage UI IEC/EN V 8 Operational frequency min Hz 25 max H2 400 IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (≤40°C) A 185 AC-1 (<55°C)	Product designation			Power contactor
Contact characteristics Nr. 3 Number of poles Nr. 3 Rated insulation voltage UI IEC/EN V 1000 Rated insulation voltage UI IEC/EN V 8 Operational frequency min Hz 25 max H2 400 IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (≤40°C) A 185 AC-1 (<55°C)	Product type designation			BF150
Rated insulation voltage Ui IEC/EN V 1000 Rated inpulse withstand voltage Uimp kV 8 Operational frequency min Hz 25 IEC Conventional frequency min Hz 25 Decisional current le A 165 Operational current le AC-1 (≤40°C) A 165 AC-1 (≤55°C) A 118 AC-3 (≤440V ≤55°C) A 118 AC-3 (≤440V ≤55°C) A 118 AC-3 (≤440V ≤55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 440V kW 75 415V kW 75 440V kW 75 500V kW 90 690V kW 150 400V KW 75 440V A 150 440V A 150 440V A 150 440V A 150 500V	Contact characteristics			
Rated insulation voltage Ui IEC/EN V 1000 Rated impulse withstand voltage Uimp kV 8 Operational frequency min Hz 25 IEC Conventional frequency min Hz 25 IEC Conventional free air thermal current Ith A 165 Operational current le AC-1 (≤40°C) A 165 AC-1 (≤70°C) A 118 AC-3 (≤440V ≤55°C) A 118 AC-3 (≤440V ≤55°C) A 118 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 440V kW 75 440V kW 75 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V A 150 440V A 150 440V A 150 500V A 150 1000V A 150 440	Number of poles		Nr.	3
Operational frequency min max Hz Hz 400 IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (≤40°C) A 165 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 150 AC-1 (≤40VV) A 70 Rated operational power AC-3 (T≤55°C) 230V KW 45 400V kW 75 415V kW 75 415V kW 75 440V kW 75 500V kW 90 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V A 150 440V A 150 1000V KW 150 440V A 150 1000V A 150 440V A 165 690V A 113 1000V A 150 <	Rated insulation voltage Ui IEC/EN		V	1000
Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (\$40°C) A 165 AC-1 (\$55°C) A 135 AC-1 (\$55°C) A 135 AC-1 (\$400°C) A 118 AC-3 (\$440∨ \$55°C) A 150 AC-3 (\$440∨ \$55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V KW 45 400V kW 75 440V kW 75 500V kW 90 690V kW 10 1000V kW 75 440V kW 75 440V kW 75 440V kW 75 8ated operational current AC-3 (T≤55°C) 230V A 150 415V kW 75 440V kW 150 416V A 150 500V A 128 <td></td> <td></td> <td>kV</td> <td>8</td>			kV	8
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max Hz 400 IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (≤40°C) A 165 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 135 AC-3 (≤440V ≤55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V KW 45 400V KW 75 415V KW 75 500V KW 75 415V KW 75 500V KW 90 690V KW 100 690V KW 10 1000V KW 55 500V A 150 440V A 150 440V A 150 415V A 150 440V A 150 415V A 150 500V A 150 400V A 150 500V A 150 1000V		min	Hz	25
IEC Conventional free air thermal current lth A 165 Operational current le AC-1 (≤40°C) A 165 AC-1 (≤55°C) A 135 AC-1 (≤55°C) A 135 AC-3 (≤440V ≤55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 500V kW 90 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V kW 75 500V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 400V A 150 415V A 150 416V A 150 500V A 150 416V A 150 500V A 150 416V A 150 500V A 150 410V A 150 1000V A 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series S24V A 165 75V A 165 110V A 10 220V A 165 75V A 165 110V A 150				
Operational current le AC-1 (\$40°C) A 165 AC-1 (\$55°C) A 135 AC-1 (\$70°C) A 118 AC-3 (\$4400V \$55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 440V kW 75 500V kW 90 690V kW 100 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V A 150 440V A 150 440V A 150 440V A 150 500V KW 150 440V A 150 440V A 150 440V A 150 1000V A 150 500V A 128 690V A 113 1000V A 165 </td <td>IEC Conventional free air thermal current Ith</td> <td></td> <td></td> <td></td>	IEC Conventional free air thermal current Ith			
AC-1 (≤40°C) A 165 AC-1 (55°C) A 135 AC-1 (55°C) A 150 AC-3 (≤440V) ≤55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 415V kW 75 500V kW 90 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V kW 75 500V KW 90 690V kW 110 1000V A 150 440V A 150 440V A 150 415V A 150 50 50 50 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 165 48V A 165 75V A 150 110V A 165 48V A </td <td></td> <td></td> <td></td> <td></td>				
$ \begin{array}{ccccc} AC-1 (≤55°C) & A & 135 \\ AC-1 (≤70°C) & A & 118 \\ AC-3 (≤4400V) & A & 70 \\ \hline \\ Rated operational power AC-3 (T≤55°C) \\ & & & & & & & & & & & & & & & & & & $		AC-1 (≤40°C)	А	165
$\begin{array}{cccc} AC-1 (≤70 °C) & A & 118 \\ AC-3 (≤440V ≤55 °C) & A & 150 \\ AC-4 (400V) & A & 70 \\ \hline \\ Rated operational power AC-3 (T≤55 °C) & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\$				
AC-3 (≤440V ≤55°C) A 150 AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 415V kW 75 500V kW 90 690V kW 110 1000V kW 55 500V kW 90 690V kW 150 Rated operational current AC-3 (T≤55°C) 230V A 150 415V A 150 415V A 150 415V A 150 415V A 150 415V A 150 500V A 150 500V A 150 415V A 150 500V A 150 500V A 150 100V A 51 113 1000V A 150 110V A 165 48V A 165 <t< td=""><td></td><td></td><td></td><td></td></t<>				
AC-4 (400V) A 70 Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 440V kW 75 440V kW 75 500V kW 90 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V A 150 440V A 150 440V A 150 440V A 150 440V A 150 500V A 128 690V A 113 100V A 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 165 48V A 10 220V A 10 220V A 10 220V A 165 48V A 165 48V				
Rated operational power AC-3 (T≤55°C) 230V kW 45 400V kW 75 415V kW 75 500V kW 90 690V kW 110 1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 440V A 150 440V A 150 415V A 150 440V A 150 440V A 150 440V A 150 440V A 150 440V A 150 415V A 150 440V A 150 415V A 150 440V A 150 1100V A 150 500V A 128 690V A 113 1000V A 151 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 165 110V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2		. , ,		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T<55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		230V	kW	45
$ \begin{array}{ccccc} 415 \lor & k \image & 75 \\ 440 \lor & k \image & 75 \\ 500 \lor & k \image & 90 \\ 690 \lor & k \image & 110 \\ 1000 \lor & k \between & 55 \\ \hline \end{array} \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \leq 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \in 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \in 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \in 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \in 55 °C) \\ \hline \rule{0pt}{3pt} Rated operational current AC-3 (T \in 55 °C) \\ \hline \rule{0pt}{3pt}$				
$ \begin{array}{ccccc} & 440 \\ & 440 \\ & 500 \\ & 690 \\ & & W \\ & 90 \\ & 690 \\ & & W \\ & 110 \\ & 1000 \\ & & W \\ & 55 \\ \end{array} \\ \hline \\ Rated operational current AC-3 (T \le 55°C) \\ & & & & & & & & & & & & & & & & & & $				
1000V kW 55 Rated operational current AC-3 (T≤55°C) 230V A 150 400V A 150 400V A 150 415V A 150 440V A 150 500V A 128 690V A 113 1000V A 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 165 75V A 150 110V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 75V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 48V A 165 48V A 165 75V A 165 150 10V A 165 75V A 165 110V A 150				
Rated operational current AC-3 (T≤55°C) 230V A 150 400V A 150 415V A 150 440V A 150 440V A 150 500V A 128 690V A 113 1000V A 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 165 48V A 165 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 10V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 10V A 10 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 48V A 165 75V A 165 10V A 165 75V A 165 10V A 150 10V A				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational current AC-3 (T≤55°C)			
$ \begin{array}{ccccc} 400 \lor & A & 150 \\ 415 \lor & A & 150 \\ 440 \lor & A & 150 \\ 500 \lor & A & 128 \\ 690 \lor & A & 113 \\ 1000 \lor & A & 51 \\ \end{array} \\ \hline IEC \mbox{ current le in DC1 with L/R \le 1ms with 1 poles in series} & \qquad $		230V	А	150
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c c c c c c } 1000 \lor A & 51 \\ \hline 1000 \lor A & 51 \\ \hline 1000 \lor A & 165 \\ \hline 48 \lor A & 165 \\ \hline 48 \lor A & 165 \\ \hline 75 \lor A & 150 \\ \hline 110 \lor A & 10 \\ \hline 220 \lor A & - \\ \hline 1EC \text{ max current le in DC1 with L/R ≤ 1ms with 2 poles in series} \\ \hline \\ \hline \\ EC \text{ max current le in DC1 with L/R ≤ 1ms with 2 poles in series} \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \hline \\$				
IEC max current le in DC1 with L/R < 1ms with 1 poles in series				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			-
$ \begin{array}{ccccc} 48 V & A & 165 \\ 75 V & A & 150 \\ 110 V & A & 10 \\ 220 V & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ & \le 24 V & A & 165 \\ 48 V & A & 165 \\ 75 V & A & 165 \\ 110 V & A & 150 \end{array} $		≤24V	А	165
$ \begin{array}{ccccc} 75 & A & 150 \\ 110 & A & 10 \\ 220 & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ & \le 24 V & A & 165 \\ 48 V & A & 165 \\ 75 V & A & 165 \\ 110 V & A & 150 \end{array} $				
$ \begin{array}{c cccc} & 110 V & A & 10 \\ & 220 V & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ & \le 24 V & A & 165 \\ & 48 V & A & 165 \\ & 75 V & A & 165 \\ & 110 V & A & 150 \end{array} $				
220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 48V A 165 75V A 165 110V A 150 150				
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 165 48V A 165 75V A 165 110V A 150				
≤24V A 165 48V A 165 75V A 165 110V A 150	IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
48V A 165 75V A 165 110V A 150		≤24V	А	165
75V A 165 110V A 150				
110V A 150				
		220V	A	14

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



BF15000A57560 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC COIL 60HZ, 575VAC

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	165
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	165
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	165
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$		110V	А	160
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		220V	А	150
$ \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 $L/R \le 1$ ms with 4 poles in series			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	165
$ \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 \forall & A & 165 \\ & 48 \forall & A & 60 \\ & 75 \forall & A & 44 \\ & 110 \forall & A & 6 \\ & 220 \forall & A & - \\ \end{aligned} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$	IEC max current le in DC3-DC5 with $I/R \le 15$ ms with 1 poles in series	2201		100
$ \begin{array}{cccc} 48 \lor & A & 60 \\ 75 \lor & A & 44 \\ 110 \lor & A & 6 \\ 220 \lor & A & - \end{array} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$		<24\/	Δ	165
$ \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 2 poles in series				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2200	A	—
$ \begin{array}{ccccc} & 48V & A & 82 \\ 75V & A & 70 \\ 110V & A & 80 \\ 220V & A & 7 \end{array} \end{array} $	TEC max current le in DC3-DC5 with L/R S 15ms with 2 poles in series	-0.0.4		105
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\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 3 poles in series≤24VA16548VA19575VA110110VA120220VA120IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA16548VA13075VA130110VA150220VA150Short-time allowable current for 10s (IEC/EN60947-1)A1200Protection fusegG (IEC)A250aM (IEC)A1500Breaking capacity (RMS value)A1500Breaking capacity at voltage440VA1200Power dissipation per pole (average value)mΩ0.45Power dissipation per pole (average value)minNm6Tightening torque for terminalsminNm6minlbin4.4M4				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	A	7
$\begin{array}{ccccccc} 48V & A & 195 \\ 75V & A & 110 \\ 110V & A & 120 \\ 220V & A & 120 \\ 220V & A & 120 \\ \end{array}$ IEC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			А	165
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	195
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	110
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA16548VA13075VA130110VA150220VA150220VA1200Protection fusegG (IEC)A200A160Making capacity (RMS value)A1500Breaking capacity at voltage440VA1200Short-time dissipation per pole (average value)mΩ0.45Power dissipation per pole (average value)IthW12AC-3W10.110.1Tightening torque for terminalsminNm6minNm6maxNm7minIbin4.4X4X4		110V	А	120
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	120
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	165
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		48V	А	130
220V A 150 Short-time allowable current for 10s (IEC/EN60947-1) A 1200 Protection fuse gG (IEC) A 250 aM (IEC) A 160 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 500V A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		75V	А	130
220V A 150 Short-time allowable current for 10s (IEC/EN60947-1) A 1200 Protection fuse gG (IEC) A 250 aM (IEC) A 160 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 Short-time allowable current for 10s (IEC/EN60947-1) A 1500 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 SoOV A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		110V	А	150
Short-time allowable current for 10s (IEC/EN60947-1) A 1200 Protection fuse gG (IEC) A 250 aM (IEC) A 160 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 Stort-time allowable current for 10s (IEC/EN60947-1) A 1500 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 Stort-time allowable current for 10s (IEC/EN60947-1) A 1500 Breaking capacity (RMS value) A 1200 500V Breaking capacity at voltage 440V A 1200 Stort A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min 1bin 4.4		220V	А	150
Protection fuse gG (IEC) A 250 aM (IEC) A 160 Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 500V A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4	Short-time allowable current for 10s (IEC/EN60947-1)			
gG (IEC) aM (IEC) A 250 A Making capacity (RMS value) A 160 Breaking capacity at voltage 440V A 1200 500V A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) th W 12 AC-3 Tightening torque for terminals min Nm 6 max Nm 7 min				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		aG (IFC)	А	250
Making capacity (RMS value) A 1500 Breaking capacity at voltage 440V A 1200 440V A 1025 690V A 905 Resistance per pole (average value) mΩ 0.45 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4				
Breaking capacity at voltage 440V A 1200 440V A 1025 500V A 905 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4	Making capacity (RMS value)			
$\begin{array}{cccc} & 440 & A & 1200 \\ 500 & A & 1025 \\ \hline 690 & A & 905 \\ \hline \\ $			~	1000
500V 690VA1025 690VResistance per pole (average value)mΩ0.45Power dissipation per pole (average value)Ith AC-3W12 10.1Tightening torque for terminalsmin max NmNm6 max Mm7 min MinNm4.4	Dicaning capacity at voltage	11011	۸	1200
690V A 905 Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 min Nm 7 min Ibin 4.4				
Resistance per pole (average value) mΩ 0.45 Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 min Ibin 4.4				
Power dissipation per pole (average value) Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4		690V		
Ith W 12 AC-3 W 10.1 Tightening torque for terminals min Nm 6 max Nm 7 min Ibin 4.4			mΩ	0.45
AC-3 W 10.1 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				
min Nm 6 max Nm 7 min Ibin 4.4		AC-3	W	10.1
max Nm 7 min Ibin 4.4	Tightening torque for terminals			
min Ibin 4.4		min		
		max	Nm	7
max Ibin 5.2		min	Ibin	4.4
		max	Ibin	5.2



BF15000A57560 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC COIL 60HZ,

575VAC

Tightening torque for c	oil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	lbin	0.74
Conductor section				
	AWG/Kcmil			
		max		2/0
	Flexible w/o lug conductor section	Пах		2/0
	Flexible w/o lug conductor section	min	mm²	1.5
		min		
		max	mm²	70
	Flexible c/w lug conductor section		2	
		min	mm²	1.5
		max	mm²	70
	tion according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
living				Screw / DIN rail
Fixing				35mm
Veight			g	2020
Conductor section				
	AWG/kcmil conductor section			
		max		2/0
Operations				_, •
Mechanical life			cycles	15000000
Electrical life			cycles	800000
Safety related data			Cycles	000000
EMC compatibility				¥60
				yes
AC coil operating			N/	F 7 F
Rated AC voltage at 60	JHZ		V	575
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	drop-out			
		max	%Us	≤70 Us min
	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 consu	Imption at 20°C			
<u> </u>	of 60Hz coil powered at 60Hz			
		in-rush	VA	300
		holding	VA VA	20
Discipation of holding	<20°C 50H-	noiuing	W	6.5
Dissipation at holding :			VV	C.0
Max cycles frequency				4500
Mechanical operation			cycles/h	1500
Operating times				
Average time for Us co				
	in AC			

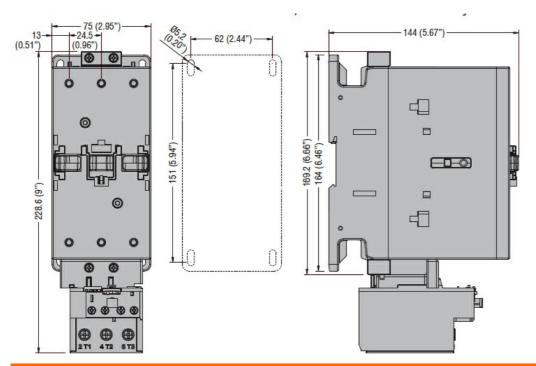
BF15000A57560



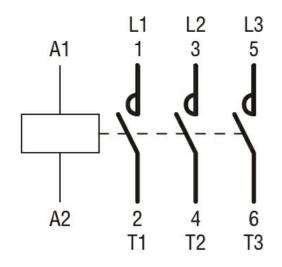
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 150A, AC COIL 60HZ, 575VAC

Closing NO			
	min	ms	45
	max	ms	32
Opening NO	max	1113	52
Opening NO	min		0
	min	ms	9
THE ACCULATION OF THE ACCULATI	max	ms	24
UL technical data			
Yielded mechanical performance			
for three-phase AC motor			
	200/208V	HP	50
	220/230V	HP	50
	460/480V	HP	100
	575/600V	HP	125
General USE			
Contactor			
Contactor	AC current	А	165
Short-circuit protection fuse, 600V	Ao culterit	Λ	100
High fault			400
	Short circuit current	kA	100
	Fuse rating	А	200
	Fuse class		J
Standard fault			
	Short circuit current	kA	10
	Fuse rating	Α	250
	Fuse class		RK5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-50
	max	°C	70
Storage temperature	IIIdX	U	10
Storage temperature	!	° ^	<u> </u>
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Dimensions			





Wiring diagrams



Certifications and compliance

Compliance		
	CSA C22.2 n° 60947-1	
	CSA C22.2 n° 60947-4-1	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-4-1	
	UL 60947-1	
	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
ETIM classification	1	
ETIM 8.0		EC000066 - Power contactor, AC switching