



Product type designation BG06				
Product type designation BG06 Contact characteristics Number of poles Nr. 3 Rated insulation voltage U IEC/EN V 690 Rated insulation voltage U IIPO/EN V 6 Operational frequency min Hz 25 max H2 400 IEC Conventional free air thermal current lth A 16 Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 14 AC-1 (555°C) A 12 AC-3 (≤400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 690V kW 3 690V kW 3 690V kW 13 690V kW 13 690V kW 13 690V kW 13 690V kW 13 690V kW 13 691V kW 13 692V kW 14 110V A 3 222V A 12 48V A 11 75V A 11 75V A 14 48V	Product designation			Power contacto
Contact characteristics Nr. 3 Number of poles Nr. 3 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp kV 6 Operational frequency min Hz 25 max Hz 400 16 Operational current le AC-1 (≤40°C) A 16 AC-1 (≤40°C) A 16 AC-1 (≤40°C) A 14 AC-1 (≤40°C) A 14 AC-1 (≤40°C) A 12 AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V KW 2.5 500V kW 3 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 13 690V kW 13 690V kW 14	-			
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Operational frequency min Hz 25 max Hz 400 16 Operational current le A C-1 (≤40°C) A 16 Operational current le AC-1 (≤55°C) A 14 AC-1 (≤70°C) A 12 AC-3 (≤440V ≤55°C) A AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.4 440V kW 2.4 440V kW 2.4 450V kW 3 690V kW 1.5 400V kW 2.4 440V kW 2.5 500V kW 3 690V kW 10 500V kW 10 500V kW 13 690V kW 18 220V 4	Contact characteristics			
Rated insulation voltage Uirp V 690 Rated inpulse withstand voltage Uirp kV 6 Operational frequency min Hz 25 max Hz 400 16 Operational current le A C-1 (\$40°C) A 16 Operational current le AC-1 (\$40°C) A 16 AC-1 (\$40°C) A 16 AC-1 (\$40°C) A 12 AC-3 (\$440V \$55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 10 500V kW 13 690V kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 11 75V A 4 10V A 20V A 12 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V	Number of poles		Nr.	3
Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400EC Conventional free air thermal current lthA16Operational current leAC-1 (≤40°C)A16AC-1 (≤55°C)A14AC-1 (≤55°C)A12AC-3 (≤440°V)A3.333Rated operational power AC-3 (T≤55°C)230VkW1.5400VkW2.2415VkW2.2415VkW2.4440VkW2.44400VkW2.5500VkW3690VkW3Rated operational power AC-1 (T≤40°C)230VkW6400VkW18EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA948VA875VA1248VA1175VA12LEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1248VA1175VA1175VA1248VA1175VA12LEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA1248VA12LEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA1248VA1448VA1448VA1448VA1448VA1448VA1448V <td< td=""><td></td><td></td><td></td><td>690</td></td<>				690
Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth A 16 Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 14 AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.5 500V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 1.5 Souv kW 1.5 500V kW 3 690V kW 1.8 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 1.1 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 1.2 48V A 1.2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			kV	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
max Hz 400 IEC Conventional free air thermal current lth A 16 Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 14 AC-1 (≤40V) S5°C) A 6 AC-3 (≤40V) S5°C) A 6 AC-3 (≤40V) S5°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.2 415V kW 2.5 500V kW 3 B90V kW 3 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 10 500V kW 13 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 11 75V A 7 110V A 6		min	Hz	25
IEC Conventional free air thermal current lth A 16 Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤70°C) A 12 AC-3 (≤4400 ≤55°C) A 6 AC-3 (≤4400 ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 S00V kW 10 500V kW 13 690V kW 13 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 11 75V A 4 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A </td <td></td> <td></td> <td></td> <td></td>				
Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤70°C) A 12 AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 690V kW 3 690V kW 10 500V kW 10 500V kW 13 690V kW 18 10 500V kW 13 1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 11 75V A 75 A 75 A 75 11 75V A 6 220V A 12 48V A 11 75V A 6 220V A - 12	IEC Conventional free air thermal current Ith			
AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 12 AC-3 (≤40∨ 555°C) A 6 AC-4 (400∨) A 3.3 Rated operational power AC-3 (T≤55°C) 230∨ kW 1.5 400∨ kW 2.2 415∨ kW 2.4 440∨ kW 2.5 500∨ kW 3 690∨ kW 3 Rated operational power AC-1 (T≤40°C) 230∨ kW 6 400∨ kW 10 500∨ kW 13 690∨ kW 13 690∨ kW 13 690∨ kW 13 690∨ kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48∨ A 8 75∨ A 4 110∨ A 3 220∨ A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48∨ A 11 75∨ A 7 110∨ A 6 220∨ A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 12 48∨ A 11 75∨ A 7 110∨ A 6 220∨ A -				
$ \begin{array}{cccc} AC-1 (\leq 55^{\circ}C) & A & 14 \\ AC-1 (\leq 70^{\circ}C) & A & 12 \\ AC-3 (\leq 4400 \lor \leq 55^{\circ}C) & A & 6 \\ AC-4 (400 \lor AC-3 (T \leq 55^{\circ}C) & & & & & & & & & & & & & & & & & & &$		AC-1 (≤40°C)	А	16
AC-1 (≤70°C) A 12 AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 10 500V kW 10 500V kW 13 690V kW 18 10 500V kW 13 1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 8 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75 A 6				
AC-3 (≤440V ≤55°C) A 6 AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 690V kW 3 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 10 500V kW 13 690V kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 11 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 7 1110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with		· · · · · · · · · · · · · · · · · · ·		
AC-4 (400V) A 3.3 Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 690V kW 3 690V kW 10 500V kW 13 690V kW 13 690V kW 18 EEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 8 75V A 4 110V A 3 220V A - EEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 1 110V A 6 220V A - EEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 12 48V A 11 75V A - EEC max current le in DC1 with L/R ≤		. ,		
Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 230V kW 6 400V kW 10 500V kW 10 500V kW 13 690V kW 18 18 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 48V A 8 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 6 220V A 12 48V A 11 75V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 14		. , ,		
	Rated operational power AC-3 (T≤55°C)			0.0
		230\/	kW	15
$ \begin{array}{cccc} 415 \lor & k & 2.4 \\ 440 \lor & k & 2.5 \\ 500 \lor & k & 3 \\ \hline & & & & \\ 690 \lor & k & & & \\ 690 \lor & k & & & \\ 10 \\ 500 \lor & k & & & \\ 10 \\ 500 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 13 \\ 690 \lor & k & & & \\ 14 \\ 10 \lor & A & & & \\ 220 \lor & A & & & \\ 110 \lor & A & & & \\ 220 \lor & A & & & \\ 110 \lor & A & & & \\ 220 \lor & A & & & \\ 110 \lor & A & & & \\ 220 \lor & A & & & \\ 110 \lor & A & & & \\ 12 \lor & A & & & \\ 110 \lor & A & & & \\ 12 \lor & A & & & \\ 110 \lor & A & & & \\ 12 \lor & A & & & \\ 110 \lor & A & & & \\ 110 \lor & A & & & \\ 12 \lor & A & & & \\ 110 \lor & A & & & \\ 12 \lor & A & & \\ 12 \lor & A & & \\ 12 \lor & A & & & \\ 12 \lor & A & & & \\ 12 \lor & A & & \\ 12 $				
$ \begin{array}{cccc} 440 \vee & k & 2.5 \\ 500 \vee & k & 3 \\ 690 \vee & k & 3 \\ 690 \vee & k & 3 \\ \end{array} \\ \begin{tabular}{lllllllllllllllllllllllllllllllllll$				
500VkW3Rated operational power AC-1 (T≤40°C)230VkW6400VkW10500VkW13690VkW13690VkW18IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA948VA875VA4110VA3220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA1448VA1448VA1448VA1475VA8				
690VkW3Rated operational power AC-1 (T≤40°C)230VkW6400VkW10500VkW13690VkW13690VkW18IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA948VA875VA4110VA3220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA120VA-120VA1475VA1448VA1475VA8				
Rated operational power AC-1 (T≤40°C)230VkW6400VkW10500VkW13690VkW18IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A948VA875VA4110VA3220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1448VA1448VA1448VA1475VA8				
$ \begin{array}{c} 230 \lor k \Downarrow 6 \\ 400 \lor k \Downarrow 10 \\ 500 \lor k \Downarrow 13 \\ 690 \lor k \varPsi 18 \end{array} \end{array}$ $ \begin{array}{c} EC \text{ max current le in DC1 with L/R ≤ 1ms with 1 poles in series} \\ \begin{array}{c} \leq 24 \lor A & 9 \\ 48 \lor A & 8 \\ 75 \lor A & 4 \\ 110 \lor A & 3 \\ 220 \lor A & - \end{array} \end{array}$ $ \begin{array}{c} EC \text{ max current le in DC1 with L/R ≤ 1ms with 2 poles in series} \\ \begin{array}{c} \leq 24 \lor A & 12 \\ 48 \lor A & 11 \\ 75 \lor A & 11 \\ 75 \lor A & 7 \\ 110 \lor A & 6 \\ 220 \lor A & - \end{array} $ $ \begin{array}{c} EC \text{ max current le in DC1 with L/R ≤ 1ms with 2 poles in series} \\ \end{array}$	Rated operational power AC-1 (T≤40°C)			-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		230V	kW	6
$ \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 $\leq 24V$ A948VA875VA4110VA3220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1448VA1448VA1475VA8814				
$ \begin{array}{cccc} \leq 24 & A & 9 \\ 48 & A & 8 \\ 75 & A & 4 \\ 110 & A & 3 \\ 220 & A & - \end{array} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series} \\ \hline \\ \leq 24 & A & 12 \\ 48 & A & 11 \\ 75 & A & 7 \\ 110 & A & 6 \\ 220 & A & - \end{array} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R $< 1ms with 3 poles in series} \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \hline \\ \hline \\ \ \hline \\ \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ $	IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
$ \begin{array}{cccc} 48 & A & 8 \\ 75 & A & 4 \\ 110 & A & 3 \\ 220 & A & - \end{array} \\ \hline \end{tabular} \\$		≤24∨	А	9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} 110 & A & 3\\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$220V$ A-IEC max current le in DC1 with L/R < 1ms with 2 poles in series				
IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\leq 24V$ A1248VA1175VA7110VA6220VA-IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\leq 24V$ A1448VA1448VA1475VA8				_
$ \begin{array}{cccc} \leq 24 & \text{A} & 12 \\ 48 & \text{A} & 11 \\ 75 & \text{A} & 7 \\ 110 & \text{A} & 6 \\ 220 & \text{A} & - \end{array} \end{array} $ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $ \begin{array}{cccc} \leq 24 & \text{A} & 14 \\ 48 & \text{A} & 14 \\ 48 & \text{A} & 14 \\ 75 & \text{A} & 8 \end{array} $	IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
$ \begin{array}{cccc} 48 & A & 11 \\ 75 & A & 7 \\ 110 & A & 6 \\ 220 & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \mbox{\leq} 24 & A & 14 \\ 48 & A & 14 \\ 75 & A & 8 \end{array} $		<24\/	Δ	12
$\begin{array}{cccc} 75 & A & 7 \\ 110 & A & 6 \\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{cccc} \leq 24 & A & 14 \\ 48 & A & 14 \\ 75 & A & 8 \end{array}$				
$ \begin{array}{c cccc} 110V & A & 6\\ 220V & A & - \end{array} \end{array} $ IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 14 48V A 14 75V A 8				
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 14 48V A 14 75V A 8				
≤24V A 14 48V A 14 75V A 8	IFC max current le in DC1 with L/R < 1ms with 3 notes in series	2201		
48V A 14 75V A 8		<2/1/	Δ	14
75V A 8				
		TIUV	A	U



11BG0610A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 60HZ, 48VAC, 1NO AUXILIARY CONTACT

220V А 1 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V А 48V А _ 75V A _ 110V А _ 220V А _ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series ≤24V А 6 48V А 5 75V 2 A 110V А 1 220V А _ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series ≤24V А 7 48V 7 А 75V А 4 3 110V А 220V А _ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series ≤24V А 9 48V 9 А 75V 5 А 110V А 4 220V А 0,5 IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series ≤24V А _

	48V	А	_
	75V	А	_
	110V	А	_
	220V	А	-
Short-time allowable current for 10s (IEC/EN60947-1)		А	96
Protection fuse			
	gG (IEC)	А	16
	aM (IEC)	А	6
Making capacity (RMS value)		А	92
Breaking capacity at voltage			
	440V	А	72
	500V	А	72
	690V	А	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	lth	W	2.6
	AC-3	W	0.36
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9
	max	lbin	9
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1

9

lbin

min



AC coil operating

11BG0610A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 60HZ, 48VAC, 1NO AUXILIARY CONTACT

Marian		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil	10 O.V		10
	Flovible w/o lug conductor costion	max		12
	Flexible w/o lug conductor section	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	тах		2.0
		min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor sectio			
		min	mm²	1.5
		max	mm²	2.5
				IP20 when
·	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rai 35mm
Weight			g	180
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact char	acteristics			
Thermal current Ith			A	10
IEC/EN 60947-5-1 de				A600 - Q600
Operating current AC	15			
		230V	A	3
		400V	A	1.9
0		500V	A	1.4
Operating current DC	12			
0	40	110V	A	2.9
Operating current DC	13	- 11 ·		
		24V	A	2.9
		48V	A	1.4
		60V 110V	A	1.2
		110V 125V	A A	0.6 0.55
		125V 220V	A	0.55
		600V	A	0.1
Operations		0001		V .1
Mechanical life			cycles	20000000
Electrical life			cycles	500000
Safety related data			0,000	200000
	0d according to EN/ISO 13489-1			
		rated load	cycles	500000
		mechanical load	cycles	20000000
Mirror contats accord	ing to IEC/EN 609474-4-1		.,	yes
EMC compatibility	<u> </u>			yes
				,



11BG0610A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, AC COIL 60HZ, 48VAC, 1NO AUXILIARY CONTACT

Rated AC voltage at 6	60Hz			V	48
C operating voltage					
	of 60Hz coil po	wered at 60Hz			
		pick-up			
			min	%Us	75
			max	%Us	115
		drop-out			
			min	%Us	20
			max	%Us	55
C average coil cons	umption at 20°C				
	of 50/60Hz coil	powered at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of 50/60Hz coil	powered at 60Hz			
			in-rush	VA	25
			holding	VA	3
	of 60Hz coil po	wered at 60Hz	Ŭ		
			in-rush	VA	30
			holding	VA	4
Dissipation at holding	≤20°C 50Hz			W	0.95
lax cycles frequency					
lechanical operation				cycles/h	3600
Operating times					
verage time for Us o	control				
	in AC				
		Closing NO			
		ere en g	min	ms	12
			max	ms	21
		Opening NO		_	
			min	ms	9
			max	ms	18
		Closing NC			
		g i i g i i g	min	ms	17
			max	ms	26
		Opening NC			
		oper	min	ms	7
			max	ms	17
	in DC		Пах		
		Closing NO			
			min	ms	18
			max	ms	25
		Opening NO	max		
			min	ms	2
			max	ms	3
		Closing NC	тах		-
			min	ms	3
			max	ms	5
		Opening NC	max	110	<u> </u>
			min	ms	11
			max	ms	17
JL technical data				113	• /
Full-load current (FLA) for three-phase	AC motor			
un luau un en l'Eller	y ior unee-phase		at (00)/	۸	4.8
			at 480V at 600V	A A	4.0 3.9

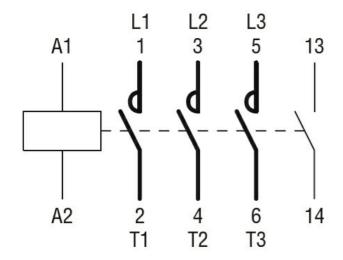
11BG0610A04860 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



Wiring diagrams

Yielded mechanical	l performance			
	for single-phase AC motor			
	0	110/120V	HP	0.3
		230V	HP	1
	for three-phase AC motor			-
		200/208V	HP	1.5
		200/200V 220/230V	HP	2
		460/480V	HP	3
		575/600V	HP	3
General USE				
	Contactor		_	
		AC current	A	16
Short-circuit protect				
	High fault			
		Short circuit current	kA	100
		Fuse rating	А	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	30
Contact rating of au	ixiliary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°Č	+70
	Storage temperature	Пах	0	110
	Storage temperature	min	°C	-60
			°C	-80 +80
NA 1// 1		max		
Max altitude			m	3000
Resistance & Prote	ection			
Pollution degree				3
Dimensions				
44 (1.73") (0.1	4	(1.73") (44 (1.73") (9)		
4.4 (0.17")			(2	57
4 4			3	
			58")	
	[1.97] [1.97] [2.28]		(2.28	
*****	6	94.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
	Q			A \
(0.33") (0.3	7 - 34.9	(1.37") 3.2 (1.37") 3.2	")	RF9
8.5 (0.33")			L_	
8.5 (0.33")		44		89.2 (3.51") - 7.6 (0.30")
(0.33")		(1.73")		(3.51)





Certifications and compliance

Compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
Certificates	
	CCC
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching