



Contact characteristicsNumber of polesnr.3Rated insulation voltage UimpkV6Operational frequencyminHz25maxHz400400EC Conventional free air thermal current lthA20Operational current leAC-1 (≤40°C)A20Derational current leAC-1 (≤40°C)A20AC-3 (s440V ≤55°C)A9ARated operational power AC-3 (T≤55°C)230VkW4Rated operational power AC-3 (T≤55°C)230VkW4Rated operational power AC-1 (T≤40°C)230VkW4.3Rated operational power AC-1 (T≤40°C)230VkW4.5SouvkW4.5500VkWRated operational power AC-1 (T≤40°C)230VkW4.3Rated operational power AC-1 (T≤40°C)230VkW4.5EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series524VA12EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series524VA12EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series524VA15Supponent le in DC1 with L/R ≤ 1ms with 2 poles in series524VA15Supponent le in DC1 with L/R ≤ 1ms with 2 poles in series524VA15Supponent le in DC1 with L/R ≤ 1ms with 2 poles in series524VA15Supponent le in DC1 with L/R ≤ 1ms with 2 poles in series524VA15Supponent le in DC1 wi	Product designation			Power contactor
Number of polesnr.3Rated insulation voltage Ui IEC/ENV690Stated insulate withstand voltage UimpKV6Operational frequencyminHz25maxHz400EC Conventional free air thermal current IthA20Operational current IeAC-1 (≤40°C)A20AC-1 (≤55°C)A0AC-3 (≤440V ≤55°C)ARated operational power AC-3 (T≤55°C)230VkW2.2400VkW4.44.15VkWRated operational power AC-3 (T≤55°C)230VkW4.5StoodvkW4.55.50VkW5.5Rated operational power AC-1 (T≤40°C)230VkW4.5EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $≤24V$ A12EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤24V$ A12EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤24V$ A15EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤24V$ A1548VA1075VA4110VA8220VA1548VA1475VA9110VA8220VA1548VA1675VA1648VA1675VA1648VA1675VA10110VA1010<	Product type designation			BG09
Rated insulation voltage Ui IEC/ENV690Rated inputse withstand voltage UimpkV6Operational frequencyminHz25maxHz40020EC Conventional free air thermal current IthA20Operational current leAC-1 (\$40°C)A20Operational current leAC-1 (\$55°C)A9AC-3 (\$440V \$55°C)A9AC-4 (400V)AActated operational power AC-3 (T≤55°C)230VKW2.2400VKW4.3440VKW4.5500VKW4.5500VKW5Rated operational power AC-1 (T≤40°C)230VKW8400VKW4.5500VKW16690VKW16690VKW14500VKW16690VKW12EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1248VA1075VA475VA9110VA8220VA-220VA-EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA1475VA9110VA8220VA-EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VA1648VA1675VA1648VA1675VA <td></td> <td></td> <td>nr</td> <td>3</td>			nr	3
Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400EC Conventional free air thermal current lthA20Operational current leAC-1 (\$40°C)A20AC-1 (\$55°C)A0AC-3 (\$440V \$55°C)A9AC-4 (400V)A4Rated operational power AC-3 (T≤55°C)230VkW2.2400VkW4.3440VkW4.5500VkW58ated operational power AC-1 (T≤40°C)230VkW8400VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW14500VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW1450VkW14 </td <td></td> <td></td> <td></td> <td></td>				
Deperational frequencymin maxHz Hz Hz Hz 400EC Conventional free air thermal current lthA20Deperational current leAC-1 (\$40°C)A20AC-1 (\$40°C)A20AC-1 (\$55°C)A0AC-3 (\$440V \$55°C)A9AC-4 (400V)A4Rated operational power AC-3 (T≤55°C)230VkWStated operational power AC-3 (T≤55°C)230VkWStated operational power AC-3 (T≤55°C)230VkWStated operational power AC-1 (T≤40°C)230VkWStated operational power AC-1 (T≤40°C)230VkWStated operational power AC-1 (T≤40°C)230VkWEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VAState A1075VAEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VAState A1075VAEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VAState A110VA8220VA-EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VAState A110VA8220VA-EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24VAState A1648VAA1648VAA1675VAA1010VAA1010V <td< td=""><td></td><td></td><td></td><td></td></td<>				
min Hz 25 max Hz 400 EC Conventional free air thermal current lth A 20 Operational current le AC-1 (≤40°C) A 20 AC-1 (≤40°C) A 20 0 AC-1 (≤55°C) A 9 0 AC-3 (≤440V ≤55°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4.3 440V kW 4.5 500V kW 4.5 500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 16 690V kW 14 500V kW 16 690V 220V A - EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 524V A 110 75V A 4 48V A 10 75V A 14 110V A 3 220V A - 20V A - 20V A				•
max Hz 400 EC Conventional free air thermal current lth A 20 Operational current le AC-1 (≤40°C) A 20 AC-1 (≤55°C) A 0 AC-3 (≤440V ≤5°C) A 9 AC-3 (≤440V ≤5°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 4000V kW 4 Rated operational power AC-3 (T≤55°C) 230V kW 4 5 500V kW 4 5 500V kW 5 5 50V kW 5 5 690V kW 2 2 2 2 2 2 2 2 2 2 2 <t< td=""><td></td><td>min</td><td>Hz</td><td>25</td></t<>		min	Hz	25
Operational current le AC-1 (≤40°C) A 20 AC-1 (≤55°C) A 0 AC-3 (≤440V) S55°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4.3 415V kW 4.3 440V kW 4.5 500V kW 5 690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 14 500V kW 16 690V kW 22 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 12 48V A 10 75V A 4 10V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 15 48V A 14 75V A 9 110V A 8 <td< td=""><td></td><td></td><td></td><td></td></td<>				
AC-1 (≤40°C) A 20 AC-1 (≤40°C) A 0 AC-3 (≤440V) ≤55°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4.3 415V kW 4.3 440V kW 4.5 500V kW 5 690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 4 5 500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 14 500V kW 16 690V kW 22 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 12 48V A 10 T5V A 4 3 220V A - 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 14 <t< td=""><td>IEC Conventional free air thermal current Ith</td><td></td><td>А</td><td>20</td></t<>	IEC Conventional free air thermal current Ith		А	20
$\begin{array}{cccc} AC-1 (\leq 55^{\circ} C) & A & 0 \\ AC-3 (\leq 4400 \lor 55^{\circ} C) & A & 9 \\ AC-4 (4000) & A & 4 \\ \hline AC-4 (4000) & A & 4 \\ \hline AC-4 (4000) & KW & 2.2 \\ 4000' & KW & 4.2 \\ 400' & KW & 4.3 \\ 4400' & KW & 4.5 \\ 5000' & KW & 5.5 \\ \hline 6900' & KW & 5 \\ \hline 6900' & KW & 5 \\ \hline 6900' & KW & 14 \\ 5000' & KW & 14 \\ 500' & KW & 14 \\ 500' & KW & 14 \\ 500' & KW & 16 \\ \hline 690' & KW & 22 \\ \hline EC max current le in DC1 with L/R < 1ms with 1 poles in series \\ \hline S24V' & A & 12 \\ 48V & A & 10 \\ 110V' & A & 3 \\ 220V' & A & - \\ \hline EC max current le in DC1 with L/R < 1ms with 2 poles in series \\ \hline S24V' & A & 15 \\ 48V & A & 10 \\ 110V' & A & 3 \\ 220V' & A & - \\ \hline EC max current le in DC1 with L/R < 1ms with 2 poles in series \\ \hline S24V' & A & 15 \\ 48V & A & 14 \\ 75V' & A & 9 \\ 110V' & A & 8 \\ 220V' & A & - \\ \hline EC max current le in DC1 with L/R < 1ms with 2 poles in series \\ \hline S24V' & A & 15 \\ 48V & A & 14 \\ 75V' & A & 9 \\ 110V' & A & 8 \\ 220V' & A & - \\ \hline EC max current le in DC1 with L/R < 1ms with 2 poles in series \\ \hline S24V' & A & 15 \\ 48V & A & 16 \\ 48V & A & 14 \\ 75V' & A & 9 \\ 110V' & A & 8 \\ 220V' & A & - \\ \hline EC max current le in DC1 with L/R < 1ms with 3 poles in series \\ \hline S24V' & A & 16 \\ 48V & A & 16 \\ 75V' & A & 10 \\ 110V' & A & 10 \\ \hline \end{array}$	Operational current le			
AC-3 (≤4400V ≤55°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4 415V kW 4.3 440V kW 4.5 500V kW 5 690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 14 500V kW 16 690V kW 22 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 220V A 12 48V A 10 75V A 4 110V A 3 220V A 15 48V A 15 48V A 14 75V A 9 110V A 8 220V A - 220V A - EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 524V A 15 48V		AC-1 (≤40°C)	А	20
AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4 415V kW 4.3 440V kW 4.5 500V kW 5 690V kW 5 690V kW 8 400V kW 14 500V kW 16 690V kW 12 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 524V A 12 48V A 10 75V A 4 110V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 524V A 15 48V A 14 75V A 9 110V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 524V A 15 48V A 14 75V A 9 110V A 8		AC-1 (≤55°C)	А	0
Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4 415V kW 4.3 440V kW 4.5 500V kW 5 690V kW 5 690V kW 8 400V kW 14 500V kW 16 690V kW 22 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 12 48V A 10 75V A 4 110V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 15 48V A 14 75V A 9 110		AC-3 (≤440V ≤55°C)	А	9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	А	4
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			kW	2.2
690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 16 690V kW 22 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $≤$ 24V A 12 48V A 10 75V A 4 110V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤$ 24V A 15 48V A 14 75V A 9 110V A 3 220V A - EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $≤$ 24V A 15 48V A 14 75V A 9 110V A 8 220V A - EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $≤$ 24V A 16 48V A 16 75V A 16 48V A 16 75V A				
Rated operational power AC-1 (T≤40°C) $ \begin{array}{c} 230V & kW & 8 \\ 400V & kW & 14 \\ 500V & kW & 22 \\ \hline EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \begin{array}{c} \leq 24V & A & 12 \\ 48V & A & 10 \\ 75V & A & 4 \\ 110V & A & 3 \\ 220V & A & - \\ \hline EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \begin{array}{c} \leq 24V & A & 15 \\ 48V & A & 15 \\ 48V & A & 14 \\ 75V & A & 9 \\ 110V & A & 8 \\ 220V & A & - \\ \hline EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series \begin{array}{c} \leq 24V & A & 15 \\ 48V & A & 14 \\ 75V & A & 9 \\ 110V & A & 8 \\ 220V & A & - \\ \hline EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series \end{array} $				
$ \begin{array}{c} 230V & kW & 8 \\ 400V & kW & 14 \\ 500V & kW & 22 \\ \hline \\ EC \mbox{ max current le in DC1 with L/R ≤ 1ms with 1 poles in series} \\ \hline \\ & \leq 24V & A & 12 \\ 48V & A & 10 \\ 75V & A & 4 \\ 110V & A & 3 \\ 220V & A & - \\ \hline \\ EC \mbox{ max current le in DC1 with L/R ≤ 1ms with 2 poles in series} \\ \hline \\ & \leq 24V & A & 15 \\ 48V & A & 14 \\ 75V & A & 9 \\ 110V & A & 8 \\ 220V & A & - \\ \hline \\ EC \mbox{ max current le in DC1 with L/R ≤ 1ms with 3 poles in series} \\ \hline \\ & EC \mbox{ max current le in DC1 with L/R ≤ 1ms with 3 poles in series} \\ \hline \\ & \leq 24V & A & 16 \\ 48V & A & 16 \\ 75V & A & 10 \\ 110V & A & 10 \\ \hline \end{array} $		690V	kW	5
$ \begin{array}{c cccc} 400 \lor & kW & 14 \\ 500 \lor & kW & 16 \\ 690 \lor & kW & 22 \end{array} \\ \hline EC \mbox{ max current le in DC1 with L/R \le 1ms with 1 poles in series} \\ \hline & \leq 24 \lor & A & 12 \\ 48 \lor & A & 10 \\ 75 \lor & A & 4 \\ 110 \lor & A & 3 \\ 220 \lor & A & - \end{array} \\ \hline EC \mbox{ max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ \hline & \leq 24 \lor & A & 15 \\ 48 \lor & A & 14 \\ 75 \lor & A & 9 \\ 110 \lor & A & 8 \\ 220 \lor & A & - \end{array} \\ \hline EC \mbox{ max current le in DC1 with L/R \le 1ms with 3 poles in series} \\ \hline & \leq 220 \lor & A & - \end{array} \\ \hline EC \mbox{ max current le in DC1 with L/R \le 1ms with 3 poles in series} \\ \hline & \leq 24 \lor & A & 16 \\ 48 \lor & A & 16 \\ 75 \lor & A & 10 \\ 110 \lor & A & 10 \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 $				
EC max current le in DC1 with L/R < 1ms with 1 poles in series $\leq 24V$ A1248VA1075VA4110VA3220VA-EC max current le in DC1 with L/R < 1ms with 2 poles in series				
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A1248VA1075VA4110VA3220VA-EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A1548VA1475VA9110VA8220VA-EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1648VA1648VA1675VA10110VA10				
$ \begin{array}{cccc} \leq 24 & A & 12 \\ 48 & A & 10 \\ 75 & A & 4 \\ 110 & A & 3 \\ 220 & A & - \end{array} \\ \hline \\ EC \text{ max current le in DC1 with L/R \leq 1ms with 2 poles in series} \\ \hline \\ \leq 24 & A & 15 \\ 48 & A & 14 \\ 75 & A & 9 \\ 110 & A & 8 \\ 220 & A & - \end{array} \\ \hline \\ EC \text{ max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ EC \text{ max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ EC \text{ max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline \\ \hline \\ \leq 24 & A & 16 \\ 48 & A & 16 \\ 75 & A & 10 \\ 110 & A & 10 \end{array}$	IEC may aurrent to in DC1 with L/D < 1 may with 1 pales in parios	690V	KVV	22
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	The max current let in DCT with $L/R \le 100$ with T poles in series	<24\/	۸	10
$\begin{array}{c cccc} 75 & A & 4 \\ 110 & A & 3 \\ 220 & A & - \end{array}$ EC max current le in DC1 with L/R < 1ms with 2 poles in series $\begin{array}{c cccccccc} \leq 24 & A & 15 \\ 48 & A & 14 \\ 75 & A & 9 \\ 110 & A & 8 \\ 220 & A & - \end{array}$ EC 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 $				
$220V$ A-EC max current le in DC1 with L/R ≤ 1 ms with 2 poles in series $\leq 24V$ A15 $48V$ A14 $75V$ A9 $110V$ A8 $220V$ A-EC max current le in DC1 with L/R ≤ 1 ms with 3 poles in series $\leq 24V$ A16 $48V$ A16 $75V$ A10 $110V$ A10				
EC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\leq 24V$ A1548VA1475VA9110VA8220VA-EC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\leq 24V$ A1648VA1675VA10110VA10110VA10				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with $I/R \le 1$ ms with 2 poles in series	2201		
$ \begin{array}{ccccc} 48 & A & 14 \\ 75 & A & 9 \\ 110 & A & 8 \\ 220 & A & - \end{array} \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		≤24V	А	15
$\begin{array}{ccccc} 75 & A & 9 \\ 110 & A & 8 \\ 220 & A & - \end{array}$ EC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} 110 V & A & 8 \\ 220 V & A & - \end{array}$ EC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$220V$ A-EC max current le in DC1 with L/R < 1ms with 3 poles in series				
≤24V A 16 48V A 16 75V A 10 110V A 10		220V	А	_
48V A 16 75V A 10 110V A 10	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
75V A 10 110V A 10		≤24V	А	16
110V A 10		48V	А	16
		75V	А	10
220V A 2			А	10
		220V	А	2



IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	16	
	48V	A	16	
	75V	A	10	
	110V	A	10	
	220V	A	2	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
	≤24V	А	7	
	48V	A	6	
	75V	A	2	
	110V	A	1	
	220V	A	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	8	
	48V	A	8	
	75V	A	5	
	110V	A	4	
	220V	A	- -	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	2201	,,		
	≤24V	А	10	
	48V	A	10	
	75V	A	6	
	110V	A	5	
	220V	A	0,8	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	2201	7	0,0	
	≤24V	А	10	
	48V	A	10	
	75V	A	6	
	110V	A	5	
	220V	A	0,8	
Short-time allowable current for 10s (IEC/EN60947-1)	2201	A	96	
Protection fuse				
	gG (IEC)	А	20	
	aM (IEC)	A	10	
Making capacity (RMS value)		A	92	
Breaking capacity at voltage		,,		
	440V	А	72	
	500V	A	72	
	690V	A	72	
Resistance per pole (average value)		mΩ	10	
Power dissipation per pole (average value)			10	
	lth	W	4	
	AC3	W	0.81	
Tightening torque for terminals				
	min	Nm	0.8	
	max	Nm	1	
	min	Ibin	0.59	
	max	Ibin	0.74	
Tightening torque for coil terminal			-	
	min	Nm	0.8	
	max	Nm	1	
	min	lbft	0.8	
	max	lbft	0.74	
	max			



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ,

400VAC, 1NC AUXILIARY CONTACT

11BG0901A400

	simultaneously connectable		nr.	2
Conductor section				
	Flexible w/o lug conductor section			
		min	mm²	0.75
	Flowible of the son ductor continu	max	mm²	2.5
	Flexible c/w lug conductor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor s			2.0
	The side with insulated space by conductor s	min	mm²	1.5
		max	mm²	2.5
Power terminal protec	ction according to IEC/EN 60529	The A		IP20 when wire
Mechanical features				
Operating position				
1 01		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	177
Auxiliary contact chara	acteristics		-	
Type of contact				1 NC
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	esignation			A600 - Q600
Operating current AC	15			
		230V	А	3
		400V	А	1.9
		500V	Α	1.4
Operating current DC	12			
		110V	A	2.9
Operating current DC	13			
		24V	A	2.9
		48V	Α	1.4
		60V	A	1.2
		110V	A	0.6
		125V	A	0.55
		220V	A	0.3
Operationa		600V	A	0.1
Operations Mechanical life			ovelee	20000000
Electrical life			cycles	500000
Safety related data			cycles	300000
	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		0,000	yes
EMC compatibility				Yes
AC coil operating				
Rated AC voltage at 5	50/60Hz. 60Hz			
0		min	V	12

of 50/60Hz coil powered at 50Hz

pick-up

11BG0901A400



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ, 400VAC, 1NC AUXILIARY CONTACT

		min	%Us	75
		max	%Us	115
	drop-out			
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	115
	drop-out			
	•	min	%Us	20
		max	%Us	55
AC operating voltage a	at 20°C		,	
i to operating relage a	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	30
			VA VA	
	of E0/60Hz poil powered at 60Hz	holding	٧A	4
	of 50/60Hz coil powered at 60Hz	:	١/٨	25
		in-rush	VA	25
		holding	VA	3
	of 60Hz coil powered at 60Hz			
		in-rush	VA	30
		holding	VA	4
Dissipation at holding	≤20°C 50Hz		W	0.95
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us co	ontrol			
Average time for Us co	ontrol in AC			
Average time for Us co	in AC			
Average time for Us co		min	ms	12
Average time for Us co	in AC	min max	ms ms	12 21
Average time for Us co	in AC Closing NO	min max	ms ms	12 21
Average time for Us co	in AC	max	ms	21
Average time for Us co	in AC Closing NO	max min	ms ms	21 9
Average time for Us co	in AC Closing NO Opening NO	max	ms	21
Average time for Us co	in AC Closing NO	max min max	ms ms ms	21 9 18
Average time for Us co	in AC Closing NO Opening NO	max min max min	ms ms ms	21 9 18 17
Average time for Us co	in AC Closing NO Opening NO Closing NC	max min max	ms ms ms	21 9 18
Average time for Us co	in AC Closing NO Opening NO	max min max min max	ms ms ms ms	21 9 18 17 26
Average time for Us co	in AC Closing NO Opening NO Closing NC	max min max min max min	ms ms ms ms ms	21 9 18 17 26 7
Average time for Us co	in AC Closing NO Opening NO Closing NC	max min max min max	ms ms ms ms	21 9 18 17 26
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min	ms ms ms ms ms	21 9 18 17 26 7
Average time for Us co	in AC Closing NO Opening NO Closing NC	max min max min max min max	ms ms ms ms ms ms ms	21 9 18 17 26 7 17
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	ms ms ms ms ms ms ms	21 9 18 17 26 7 17 18
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC In DC Closing NC	max min max min max min max	ms ms ms ms ms ms ms	21 9 18 17 26 7 17
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	ms ms ms ms ms ms ms	21 9 18 17 26 7 17 18 25
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC In DC Closing NC	max min max min max min max	ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC In DC Closing NC	max min max min max min max	ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 18 25
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC In DC Closing NC	max min max min max min max min	ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC Iosing NC Closing NC Closing NC Closing NO Opening NO Opening NO	max min max min max min max min	ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2 3
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC Iosing NC Closing NC Closing NC Closing NO Opening NO Opening NO	max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2 3 3
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC Topening NC Closing NC Closing NO Opening NO Closing NO Closing NO Closing NC Clos	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2 3
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC Iosing NC Closing NC Closing NC Closing NO Opening NO Opening NO	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2 3 3 5
Average time for Us co	in AC Closing NO Opening NO Closing NC Opening NC Topening NC Closing NC Closing NO Opening NO Closing NO Closing NO Closing NC Clos	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms	21 9 18 17 26 7 17 17 18 25 2 3 3

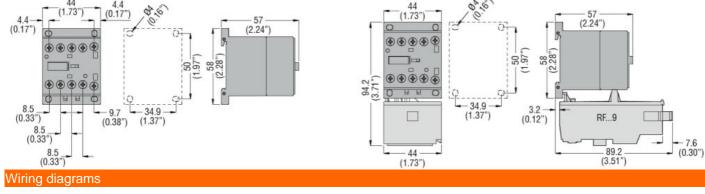
UL technical data



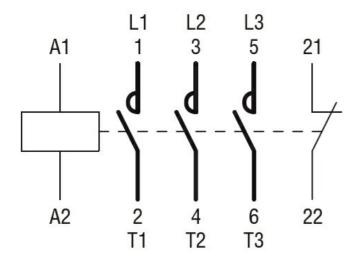
Full-load current (FLA) for three-phase AC motor

11BG0901A400 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ, 400VAC, 1NC AUXILIARY CONTACT

		at 480V	А	7.6
		at 600V	А	6.1
Yielded mechanical p	erformance			
	for single-phase AC motor			
		110/120V	hp	0.5
		230V	hp	1.5
	for three-phase AC motor			
		200/208V	hp	2
		220/230V	hp	3
		460/480V	hp	5
		575/600V	hp	5
Contact rating of auxil	liary contacts according to UL			A600 - Q600
General USE				
	Contactor			
		AC current	А	20
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	60
	Storage temperature			
		min	°C	-55
		max	°C	70
Max altitude			m	3000
Resistance & Protecti	ion			
Pollution degree				3
Dimensions				
44 (1.73") (0.17")	85	44 (173") 0.6	-	57







Certifications and compliance

Compliance

Certificates

CSA C22.	2 n° 60947-1		
CSA C22.	2 n° 60947-4-1		
IEC/EN 60)947-1		
IEC/EN 60)947-4-1		
UL 60947	·1		
UL 60947-	·4-1		
CCC			
cULus			
EAC			