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Contact characteristicsNumber of polesnr.3Rated insulation voltage Ui IEC/ENV690Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA16Operational current leAC-1 (≤40°C)A160AC-3 (≤440V ≤55°C)A6AC-4 (400V)A3.3Rated operational power AC-3 (T≤55°C)230VkW1.5400VkW2.2415VkW2.4440VkW2.5500VkW3Rated operational power AC-1 (T≤40°C)230VkWRated operational power AC-1 (T≤40°C)230VkW800VkW13690VkW13690VkW18IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA≤24VA855VA4110VA3	Product designation Product type designation			Power contactor BG06
Number of polesnr.3Rated insulation voltage Ui IEC/ENV690Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current IthA16Operational current leAC-1 (≤40°C)A160AC-3 (≤440V ≤55°C)A6AC-4 (400V)A3.3Rated operational power AC-3 (T≤55°C)230VkW1.5400VkW2.2415VkW2.4440VkW2.5500VkW3Rated operational power AC-1 (T≤40°C)230VkWRated operational power AC-1 (T≤40°C)230VkW1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series224VA1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series224VA57VA4110VA3				2000
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Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA16Operational current leAC-1 (\$40°C)A160AC-3 (\$440V \$55°C)A6AC-4 (400V)ARated operational power AC-3 (T≤55°C)230VkW1.5400VkW2.2415VkW2.4440VkW2.5500VkW3Rated operational power AC-1 (T≤40°C)230VkW6690VRated operational power AC-1 (T≤40°C)230VkW6IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series\$24VA9\$24VA948VA875VA4110VA3				
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Operational current le AC-1 (≤40°C) A 160 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 690V kW 13 690V 690V 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 3		max	Hz	400
$ \begin{array}{ccccc} AC-1 (≤40 °C) & A & 160 \\ AC-3 (≤440V ≤55 °C) & A & 6 \\ AC-4 (400V) & A & 3.3 \\ \hline \\ \hline \\ Rated operational power AC-3 (T≤55 °C) & & & \\ & & & \\ & & & & \\ & $	IEC Conventional free air thermal current Ith		А	16
$\begin{array}{c cccc} AC-3 (\leq 440V) \leq 55^{\circ}C) & A & 6 \\ AC-4 (400V) & A & 3.3 \\ \hline \\ \hline Rated operational power AC-3 (T \leq 55^{\circ}C) & & & & \\ & & & & & \\ & & & & & \\ & & & & & & \\ & $	Operational current le			
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 13 690V 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 8 75V A 4 110V A 3 3		AC-1 (≤40°C)	А	160
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 13 690V 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 8 75V A 4 110V A 3 3 3		. ,	А	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	Α	3.3
$ \begin{array}{ccccc} & 400 & kW & 2.2 \\ 415 & kW & 2.4 \\ 440 & kW & 2.5 \\ 500 & kW & 3 \\ \hline \\ & 690 & kW & 3 \\ \hline \\ & & & & & \\ \hline \\ & & & & & \\ \hline \\ & & & &$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c cccc} & 440 & kW & 2.5 \\ 500 & kW & 3 \\ \hline 690 & kW & 3 \\ \hline \\ \mbox{Rated operational power AC-1 (T \le 40^{\circ} C)} & & & & \\ & 230 & kW & 6 \\ & 400 & kW & 10 \\ & 500 & kW & 10 \\ \hline \\ \mbox{500V} & kW & 13 \\ \hline \\ \mbox{690V} & kW & 18 \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} & & \\ \hline \\ IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series & & \\ \hline \\ \mbox{IEC max curr$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} 690 V & kW & 3 \\ \hline \mbox{Rated operational power AC-1 (T \le 40 ^{\circ} C)} & & & & & & \\ 230 V & kW & 6 \\ 400 V & kW & 10 \\ 500 V & kW & 13 \\ \hline \mbox{690V} & kW & 13 \\ \hline \mbox{690V} & kW & 18 \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1 ms with 1 poles in series} & & & & \\ \hline \mbox{$48V$} & A & 9 \\ 48 V & A & 8 \\ 75 V & A & 4 \\ 110 V & A & 3 \\ \hline \end{array}$				
Rated operational power AC-1 (T≤40°C) $230V$ kW6 $400V$ kW10 $500V$ kW13 $690V$ kW18IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A9 $48V$ A8 $75V$ A4 $110V$ A3				
$\begin{array}{cccc} 230 V & kW & 6 \\ 400 V & kW & 10 \\ 500 V & kW & 13 \\ 690 V & kW & 18 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 1 poles in series $\begin{array}{cccc} \leq 24 V & A & 9 \\ 48 V & A & 8 \\ 75 V & A & 4 \\ 110 V & A & 3 \end{array}$		690V	kW	3
$ \begin{array}{cccc} 400 V & kW & 10 \\ 500 V & kW & 13 \\ \hline 690 V & kW & 18 \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} \\ & \le 24 V & A & 9 \\ 48 V & A & 8 \\ 75 V & A & 4 \\ 110 V & A & 3 \\ \hline \end{array} $	Rated operational power AC-1 (I≤40°C)			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
690VkW18IEC max current le in DC1 with L/R < 1ms with 1 poles in series				
IEC max current le in DC1 with L/R < 1ms with 1 poles in series $\leq 24V$ A948VA875VA4110VA3				
≤24V A 9 48V A 8 75V A 4 110V A 3	ICC may automate to in DC1 with $I/D < 1$ may with 1 pales in particular	690V	KVV	18
48V A 8 75V A 4 110V A 3	The max current le in DCT with $L/R \leq 1$ ms with T poles in series	<241/	٨	0
75V A 4 110V A 3				
110V A 3				
		220V	A	5
IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series	IEC max current le in DC1 with $L/R < 1$ ms with 2 notes in series	2201	7.	
≤24V A 12		<24\/	Δ	12
48V A 11				
75V A 7				
110V A 6				
220V A –			А	-
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
≤24V A 14		≤24V	А	14
48V A 14		48V	А	14
75V A 8		75V	А	8
110V A 8		110V	А	8
220V A 1		220V	Α	1

IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series



$\begin{aligned} \frac{$244}{48} & A & - \\ \frac{48}{75V} & A & - \\ 110V & A & - \\ 220V & A & - \\ 220V & A & - \\ \frac{48}{75V} & A & 2 \\ 110V & A & 1 \\ 220V & A & 2 \\ 110V & A & 1 \\ 220V & A & 2 \\ 110V & A & 1 \\ 220V & A & - \\ 320V & A & - $				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	_
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	_
EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series 524V A 6 48V A 5 75V A 2 110V A 1 220V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 524V A 7 48V A 7 48V A 7 48V A 7 48V A 7 5V A 4 7 48V A 7 60 75V A 9 48V A 9 48V A 9 220V A 9 48V A 9 48V A 9 48V A 9 5 110V A 4 20V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 524V A 9 - Source max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 524V A - -		75V	А	-
EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$		110V	А	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	_
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		≤24V	А	6
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	
$\begin{array}{c c c c c c c } \hline 220V & A & - \\ \hline \\ EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series \\ \hline \\ & 48V & A & 7 \\ & 48V & A & 7 \\ & 48V & A & 3 \\ & 220V & A & 3 \\ & 220V & A & 3 \\ & 220V & A & 9 \\ & 48V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & - \\ & 48V & A & - \\ & 110V & A & - \\ & 100V $				
EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\begin{array}{c} \leq 24V & A & 7 \\ 48V & A & 7 \\ 75V & A & 4 \\ 110V & A & 3 \\ 220V & A & - \end{array}$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\begin{array}{c} \leq 24V & A & 9 \\ 48V & A & 9 \\ 75V & A & 5 \\ 110V & A & 4 \\ 220V & A & 0.5 \end{array}$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{array}{c} \leq 24V & A & 9 \\ 48V & A & 9 \\ 75V & A & 5 \\ 110V & A & 4 \\ 220V & A & 0.5 \end{array}$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{array}{c} \leq 24V & A & - \\ 48V & A & - \\ 75V & A & - \\ 110V & A & - \\ 220V & A & - \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) & A & 96 \end{array} Protection fuse $\begin{array}{c} gG (IEC) & A & 16 \\ aM (IEC) & A & 6 \\ 440V & A & 72 \\ 500V & A & 72 \\ 690V & A & 72 \\ 70V & A & 72 \\ 70V$				_
$\begin{aligned} & \leq 24V & A & 7 \\ & 48V & A & 7 \\ & 48V & A & 7 \\ & 48V & A & 7 \\ & 75V & A & 4 \\ & 110V & A & 3 \\ & 220V & A & - \\ & 220V & A & 9 \\ & 48V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 0.5 \end{aligned}$ EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series $\leq 24V & A & - \\ & 48V & A & - \\ & 48V & A & - \\ & 48V & A & - \\ & 110V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 100V & A & - \\ & 220V & A & - \\ & 100V & A & - \\ & 220V & A & - \\ & 100V & A & - \\ & 220V & A & - \\ & 100V & A & - \\ & 220V & A & - \\ & 100V & A & - \\ & 220V & A & - \\ & 100V $	IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
$ \begin{array}{cccc} 48V & A & 7\\ 75V & A & 4\\ 110V & A & 3\\ 220V & A & -\\ \hline \end{array}$		≤24V	А	7
75V A 4 110V A 3 220V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 524V A 9 48V A 9 75V A 5 110V A 4 220V A 9 220V A 9 65 5 110V A 4 220V A 6 220V A 9 65 5 110V A 4 220V A 6 220V A - 48V A - 48V A - - 220V A - 5001 A 9 - - 100V A - Stort-time allowable current for 10s (IEC/EN60947-1) A 96 - - - Stort-time allowable current for 10s (IEC/EN60947-1) A 92 - - - -				
$ \begin{array}{c c c c c c c } 110 & A & 3 \\ 220 & A & - \\ \hline \\$				
$\begin{array}{c c c c c c c } \hline 220V & A & - \\ \hline EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series $$24V & A & 9 \\ & 48V & A & 9 \\ & 75V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 0.5 \\ \hline EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series $$24V & A & - \\ & 48V & A & - \\ & 75V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 75V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 220V & A & - \\ & 110V & A & - \\ & 96 & - \\ \hline & 7ctection fuse & & \\ \hline & & gG (IEC) & A & 16 \\ & aM (IEC) & A & 6 \\ \hline & Making capacity (RMS value) & & A & 92 \\ \hline & 3reaking capacity at voltage & & \\ \hline & & 440V & A & 72 \\ & 500V & A & 72 \\ \hline & & 60V & A & 72 \\ \hline & & 60V & A & 72 \\ \hline & & & 60V & A & 72 \\ \hline & & & & & \\ \hline & & & & & & \\ \hline & & & &$				
EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\begin{array}{c} $				
$\begin{aligned} & \leq 24V & A & 9 \\ & 48V & A & 9 \\ & 75V & A & 5 \\ & 110V & A & 4 \\ & 220V & A & 0.5 \end{aligned}$ EC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\begin{aligned} & \leq 24V & A & - \\ & 48V & A & - \\ & 48V & A & - \\ & 48V & A & - \\ & 75V & A & - \\ & 110V & A & - \\ & 220V & A & - \end{aligned}$ Short-time allowable current for 10s (IEC/EN60947-1) & A & 96 \\ Protection fuse $\begin{aligned} & gG (IEC) & A & 16 \\ & aM (IEC) & A & 6 \\ \\ & Vaking capacity (RMS value) & A & 92 \end{aligned}$ Breaking capacity at voltage $\begin{aligned} & 440V & A & 72 \\ & 500V & A & 72 \\ & 690V & A & 72 \\ & 690V & A & 72 \\ \hline & 690V & A $	IEC max current le in DC3-DC5 with $I/R \le 15$ with 3 notes in series	2201	,,	
$ \begin{array}{cccc} 48V & A & 9 \\ 75V & A & 5 \\ 110V & A & 0.5 \end{array} \\ \hline \\$		<24\/	Δ	9
$\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 $				
$\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 DC3-DC5 with L/R ≤ 15ms with 4 poles in series				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC may current le in DC3-DC5 with $1/P < 15ms$ with 4 poles in series	220 V	Λ	0.0
48V A - 75V A - 75V A - 110V A - 220V A - 200r A 96 Protection fuse A 96 Protection fuse gG (IEC) A 16 aM (IEC) A 6 Vaking capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Stoot of the server and the	IEC max current le in DC3-DC3 with E/R 2 15ms with 4 poles in series	<241	۸	
$\begin{array}{cccc} 75 & A & - \\ 110 & A & - \\ 220 & A & - \\ 220 & A & - \end{array}$				-
110V A - 220V A - Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 16 all (IEC) A 92 6 Vaking capacity (RMS value) A 92 3 Breaking capacity at voltage 440V A 72 Streaking capacity at voltage 440V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) min Nm 0.36 Flightening torque for terminals min Nm 0.59 max Nm 1 min 0.74 Flightening torque for coil terminal min Nm 1 min Nm 0.8 max Nm 1 min Ibin 0.59 max Nm 1				-
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Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 16 aM (IEC) A 6 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Streaking capacity at voltage 440V A 72 Gesistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 1 min Ibin 0.59 max Ibin 0.74				-
Protection fuse $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Short time allowable surrent for 10s (IEC/ENG0047.1)	220 V		
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aM (IEC) A 6 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Solov A 72 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Ith 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 0.59 max Ibin 0.59 0.74	Protection fuse		٨	16
Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 690V A 72 690V A 72 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 1 Fightening torque for terminals min Nm 0.8 max Nm 1 1 0.74 Fightening torque for coil terminal min Nm 0.8 max Ibin 0.74 0.8 max Ibin 0.74 0.8		- · ·		
Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 min 10 Fightening torque for coil terminals min Nm 0.8 max Nm 1 0.74 Fightening torque for coil terminal min Nm 0.8 max Ibin 0.74 0.8 max Ibin 0.74 0.8	Making appaaity (DMS value)			
440V A 72 500V A 72 690V A 72 690V A 72 690V A 72 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Ith W 2.6 AC3 W 0.36 Ith Nm 0.8 Fightening torque for terminals min Nm 1 min 0.59 max Ibin 0.74 Ith 0.8 max Nm 1 Fightening torque for coil terminal min Nm 0.8 max Nm 1 Fightening torque for coil terminal min Ibin 0.74 Ith 0.8 max Nm 1			A	92
500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36	Breaking capacity at voltage	4.40)/	•	70
690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm Min Nm 1.59 max Ibin 0.74				
Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 0.8 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 1.8 min Ibin 0.74 Fightening torque for coil terminal min Nm 1.8 min Ibin 0.74				
Power dissipation per pole (average value) Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74		6907		
Ith W 2.6 AC3 W 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 min Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 max Nm 1 min Ibft 0.8 min Ibft 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74			mΩ	10
AC3 W 0.36 Fightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 min Nm 0.8 max Nm 0.74 Fightening torque for coil terminal min Nm 0.8 min Ibft 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74	Power dissipation per pole (average value)			
Fightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 min Nm 0.8 max Nm 1 min Ibin 0.74 0.8 max Nm 1 min Ibft 0.8 max Nm 1 0.8 min Ibft 0.8 max Ibft 0.74				
min Nm 0.8 max Nm 1 min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74	-	AC3	VV	0.36
maxNm1minIbin0.59maxIbin0.74Tightening torque for coil terminalminNm0.8maxNm1minIbft0.8maxIbft0.8maxIbft0.74	lightening torque for terminals			
min Ibin 0.59 max Ibin 0.74 Fightening torque for coil terminal min Nm 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74				
maxIbin0.74Fightening torque for coil terminalminNm0.8maxNm1minIbft0.8minIbft0.8maxIbft0.74				
Fightening torque for coil terminal min Nm 0.8 max Nm 1 min lbft 0.8 max lbft 0.74				
min Nm 0.8 max Nm 1 min Ibft 0.8 max Ibft 0.74		max	Ibin	0.74
max Nm 1 min lbft 0.8 max lbft 0.74	Tightening torque for coil terminal			
min lbft 0.8 max lbft 0.74				
max lbft 0.74				
		min		
Max number of wires simultaneously connectable nr. 2		max	lbft	
	Max number of wires simultaneously connectable		nr.	2



Conductor section

Flexible w/o lug conductor section mm² 0.75 min mm² 2.5 max Flexible c/w lug conductor section mm² 1.5 min mm² 2.5 max Flexible with insulated spade lug conductor section mm² 1.5 min max mm² 2.5 Power terminal protection according to IEC/EN 60529 IP20 when wired Mechanical features Operating position Vertical plan normal allowable ±30° Screw / DIN rail Fixing 35mm Weight 220 g Auxiliary contact characteristics Type of contact 1 NO Thermal current Ith А 10 IEC/EN 60947-5-1 designation A600 - Q600 **Operating current AC15** 230V А 3 400V А 1.9 500V А 1.4 Operating current DC12 110V А 2.9 Operating current DC13 24V А 2.9 48V А 1.4 60V А 1.2 110V А 0.6 125V A 0.55 220V 0.3 А 600V А 0.1 Operations Mechanical life cycles 20000000 Electrical life 500000 cycles Safety related data Performance level B10d according to EN/ISO 13489-1 rated load 500000 cycles 2000000 mechanical load cycles Mirror contats according to IEC/EN 609474-4-1 yes Yes EMC compatibility DC coil operating DC rated control voltage V 48 DC operating voltage pick-up %Us 75 min %Us 115 max drop-out %Us 10

min



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-			max	%Us	25
Average coil consump	tion ≤20°C				
			in-rush	W	3.2
Max avalas fraguesav			holding	W	3.2
Max cycles frequency				ovelee/b	2600
Mechanical operation Operating times				cycles/h	3600
Average time for Us co	ontrol				
Average time for US CC	in AC				
	III AC	Closing NO			
		Closing NO	min	ms	12
			max	ms	21
		Opening NO	Шах	mo	21
		oponing No	min	ms	9
			max	ms	18
		Closing NC	тах	mo	10
			min	ms	17
			max	ms	26
		Opening NC			-
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
			min	ms	18
			max	ms	25
		Opening NO			
			min	ms	2
			max	ms	3
		Closing NC			
			min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
			max	ms	17
UL technical data					
Full-load current (FLA)	for three-phase A	AC motor			
			at 480V	А	4.8
			at 600V	А	3.9
Yielded mechanical pe					
	for single-phase	AC motor			
			110/120V	HP	0.3
			230V	HP	1
	for three-phase	AC motor			
			200/208V	HP	1.5
			220/230V	HP	2
			460/480V	HP	3
			575/600V	HP	3
General USE	0				
	Contactor		10		4.0
	(AC current	A	16
Short-circuit protection					
	High fault				400
			Short circuit current	kA	100
			Fuse rating	А	30

¹¹BG0610D048The 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



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Stycznik 3 polowy, 6A w AC3, wbudowany zestyk 1NO, 48VDC

		Fuse class		J
	Standard fault	Short circuit current Fuse rating	kA A	5 30
Contact rating of auxi	liary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C ℃	-50 +70
	Storage temperature	max	C	+70
	Storage temperature	min	°C	-60
		max	°C	+80
Vax altitude			m	3000
Resistance & Protect	ion			
Pollution degree				3
Dimensions		(1.73") (⁴⁴)		
(0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") Wiring diagrams	57 (2.24") (2.24") (2.56") (2.56") (2.56") (2.56") (2.56") (2.56") (2.56") (2.57")	$\begin{array}{c} \bullet \bullet$	58 (2.28") 50	57 .24") RF9 9 9
A1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			
Certifications and cor	npliance			
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			
	eristics described in this document are subject to upd ormation, illustrations and instructions in this brochur			



EAC

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching