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	999999 Lovalo
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Product designation Product type designation			Power contactor BG09
Contact characteristics			B009
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	20
Operational current le			
	AC-1 (≤40°C)	А	20
	AC-3 (≤440V ≤55°C)	А	9
	AC-4 (400V)	А	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	16
	690V	kW	22
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	12
	48V	А	10
	75V	А	4
	110V	А	3
	220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	15
	48V	А	14
	75V	А	9
	110V	А	8
	220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	16
	48V	А	16
	75V	А	10
	110V	А	10
	220V	А	2

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



$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
75V A 10 110V A 2 IEC max current le in DC3-DC5 with L/R \$ 15ms with 1 poles in series \$24V A 7 48V A 6 75V A 2 IEC max current le in DC3-DC5 with L/R \$ 15ms with 2 poles in series \$24V A 8 48V A 8 8 8 75V A 5 110V A 4 220V A 10 75V A 6 110V A 6 110V A 6 110V A 6 110V A 6 110V A 10 48V A 10 48V A 10 7V A 6 <tr< td=""><td></td><td>≤24V</td><td>А</td><td>16</td></tr<>		≤24V	А	16
$\begin{array}{c c c c c c c } 1100' & A & 10 \\ 2200' & A & 2 \\ \hline \\ 1200' & A & 2 \\ \hline \\ 1200' & A & 7 \\ 480' & A & 6 \\ 750' & A & 2 \\ 1100' & A & 1 \\ 2200' & A & - \\ \hline \\ 1200' & A & 1 \\ 2200' & A & - \\ \hline \\ 1200' & A & 8 \\ 750' & A & 8 \\ - & & & & & & & \\ 480' & A & 8 \\ 750' & A & 5 \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 10 \\ - & & & & & \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $		48V	А	16
$\begin{array}{c c c c c c c } 1100' & A & 10 \\ 2200' & A & 2 \\ \hline \\ 1200' & A & 2 \\ \hline \\ 1200' & A & 7 \\ 480' & A & 6 \\ 750' & A & 2 \\ 1100' & A & 1 \\ 2200' & A & - \\ \hline \\ 1200' & A & 1 \\ 2200' & A & - \\ \hline \\ 1200' & A & 8 \\ 750' & A & 8 \\ - & & & & & & & \\ 480' & A & 8 \\ 750' & A & 5 \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 4 \\ 2200' & A & - \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 10 \\ - & & & & & \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ \\ 1100' & A & 5 \\ 2200' & A & 0.8 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $		75V	А	10
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series \$24V A 7 48V A 6 75V A 2 110V A 1 220V A 7 110V A 1 220V A 7 110V A 1 220V A 8 110V A 8 3 6 110V A 8 3 6 110V A 5 110V A 4 220V A 5 110V A 4 220V A 10 48V A 10 48V A 10 75V A 6 110V A 5 220V A 0.8 EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series \$24V A 10 5 220V A 0.8 \$20V A 0.8 Forterine allowable current for 10s (IEC/EN6				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series ≤24V A 7 48V A 6 75V A 2 110V A 1 220V A - 1EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 524V A 8 48V A 8 5 110V A 4 220V A - - - - IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 524V A 10 48V A 10 10V A 5 110V A 6 110V A 5 220V A 0.8 10 75V A 6 110V A 5 220V A 0.8 10 75V A 6 110V A 5 220V A 0.8 10 A 80 7 2 220V A 0.8 10 A 92 200V A				
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	TEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series		_	_
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			A	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	6
$\begin{array}{c c c c c c c } \hline 220V & A & - \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series $24V & A & 8 \\ 48V & A & 8 \\ 75V & A & 5 \\ 110V & A & 4 \\ 220V & A & - \\ \hline 220V & A & - \\ \hline 220V & A & - \\ \hline 220V & A & 10 \\ 48V & A & 10 \\ 48V & A & 10 \\ 48V & A & 0. \\ \hline 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 6 \\ \hline 110V & A & 5 \\ 220V & A & 0.8 \\ \hline \\ $		75V	А	2
$\begin{array}{c c c c c c c } \hline 220V & A & - \\ \hline 220V & A & 8 \\ \hline 48V & A & 8 \\ \hline 48V & A & 5 \\ \hline 48V & A & 5 \\ \hline 110V & A & 4 \\ \hline 220V & A & - \\ \hline 10V & A & 5 \\ \hline 220V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0.8 \\ \hline \\ $		110V	А	1
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series		220V		_
$\begin{aligned} & \leq 24 \forall & A & 8 \\ & 48 \forall & A & 8 \\ & 48 \forall & A & 8 \\ & 75 \forall & A & 5 \\ & 110 \forall & A & 4 \\ & 220 \forall & A & 1 \\ & & & & & & & & & & & & & & & & &$	IEC max current le in DC3-DC5 with $I/R \le 15$ ms with 2 poles in series			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		<24\/	Δ	8
$ \begin{array}{cccc} 75 & A & 5 \\ 110 & A & 4 \\ 220 & A & - \\ 1220 & A & - \\ 1220 & A & - \\ 1220 & A & - \\ 1420 & A & 10 \\ 484 & A & 10 \\ 484 & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 10 \\ 48V & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 10 \\ 48V & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 110V & A & 5 \\ 220V & A & 0.8 \\ 100V & A & 72 \\ 100V & A & 92 \\ 100V & A & 72 \\ 100V & A $				
$ \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			A	4
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
$ \begin{array}{cccc} 48V & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 0,8 \end{array} \end{array} $		≤24V	А	10
$\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 $				
220VA0,8IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series \leq \leq 1048VA10 \leq 75VA6110VA5220VA0,8Short-time allowable current for 10s (IEC/EN60947-1)A9696Protection fusegG (IEC)A20Making capacity (RMS value)A9292Breaking capacity at voltage440VA72690VA72690VA72690VA72500VA7270690VA72690VA72Resistance per pole (average value)mΩ10010Power dissipation per pole (average value)mínNm0.8maxTightening torque for terminalsminNm11Tightening torque for coil terminalminNm0.8maxTightening torque for coil terminalminNm0.8maxminIbin9maxNm1minIbin9maxNm1Tightening torque for coil terminalminNm0.8maxNm1min10maxIbin9maxNm1MinIbin9maxNm1MinIbin9maxNm1MinIbin9maxNm1MinIbin <td></td> <td></td> <td></td> <td></td>				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	A	0,8
48V A 10 75V A 6 110V A 5 220V A 96 Protection fuse gG (IEC) A 20 Making capacity (RMS value) A 92 Breaking capacity at voltage A 92 Breaking capacity at voltage 440V A 72 Short-time prole (average value) mΩ 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) mIN NM 4 AC-3 W 0.81 1 Tightening torque for terminals min Nm 1 max Nm 1 min 9 Tightening torque for coil terminal min Nm 1 max Nm 1 min 10 Tightening torque for coil terminal min Nin 9 max Nm	IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series			
$\begin{array}{ccccc} 75 & A & 6 \\ 110 & A & 5 \\ 220 & A & 0.8 \\ \hline \end{array} \\ \hline \end{array} \\ \hline Short-time allowable current for 10s (IEC/EN60947-1) & A & 96 \\ \hline \end{array} \\ \hline Protection fuse & & & & \\ \hline \end{array} \\ \hline Protection fuse & & & \\ \hline \end{array} \\ \hline \end{array} \\ \hline \end{array} \\ \begin{array}{ccccccccccccccccccccccccccccccccccc$		≤24V	А	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	6
220VA0,8Short-time allowable current for 10s (IEC/EN60947-1)A96Protection fusegG (IEC)A20aM (IEC)A10Making capacity (RMS value)A92Breaking capacity at voltage440VA72500VA72690VA72690VA72Resistance per pole (average value)mΩ10Power dissipation per pole (average value)IthW4AC-3W0.81Tightening torque for terminalsminNm0.8maxIbin9max10Tightening torque for coil terminalminNm0.8minIbin9max10Tightening torque for coil terminalmin109Tightening torque for coil terminalmin109minIbin9max109				
Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Short-time allowable current for 10s (IEC/EN60947-1) A 96 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Short-time allowable current for 10s (IEC/EN60947-1) A 92 Breaking capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Short-time for call current for targe value) mΩ 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 max Nm 1 Tightening torque for terminals min Nm 0.8 max Nm 1 Tightening torque for coil terminal min Nm 0.8 max Nm 1				
Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Breaking capacity at voltage 10 10 Power dissipation per pole (average value) Ith W 4 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 10 Tightening torque for terminals min Nm 1.8 Tightening torque for terminals min 10 9 Tightening torque for coil terminal min 10 9 Tightening torque for coil terminal min 1 1 Min 0.8 max Nm 1 Min 1 9 1 1 Min 1 9 1 1	Short time allowable autropt for 10a (IEC/EN60047.1)	220 V		
gG (IEC) A 20 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 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Hh W 4 AC-3 W 0.81 1 Tightening torque for terminals min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 1 min Ibin 9 1 min Ibin 9 max Ibin 9			A	90
aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 1 Tightening torque for terminals min Nm 0.8 max Nm 1 9 1 Tightening torque for coil terminal min Nm 0.8 max Nm 1 1 1 min Ibin 9 1 1 Tightening torque for coil terminal min Nm 1.8 max Ibin 9 1 1 min Ibin 9 1 1	Protection fuse			
Making capacity (RMS value) A 92 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 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Ibin 9 max Ibin 9		- · ·		
Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 690V A 72 Resistance per pole (average value) N Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals Nm 0.8 max Nm 1 min lbin 9 max lbin 9 Tightening torque for coil terminal Nm 0.8 max Nm 1 min lbin 9 max lbin 9		aM (IEC)	A	10
Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 690V A 72 Resistance per pole (average value) N Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals Nm 0.8 max Nm 1 min lbin 9 max lbin 9 Tightening torque for coil terminal Nm 0.8 max Nm 1 min lbin 9 max lbin 9	Making capacity (RMS value)		Α	92
440V A 72 500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 9 Tightening torque for coil terminal min Nm 0.8 max Ibin 9 min Ibin 9	Breaking capacity at voltage			
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690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 min Nm 0.8 max Nm 1 min Ibin 9 min Nm 1 Tightening torque for coil terminal min Nm 1.8 Tightening torque for coil terminal min 9 1 Tightening torque for coil terminal min Nm 1.8 Max Nm 1 1 1 min Ibin 9 1 1 min Ibin 9 1 1 min Ibin 9 1 1 1 min Ibin 9 1 1 1 1				
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Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min Jbin 9 max Ibin 9 max Ibin 9	Popieteneo por polo (overego veluo)	0001		
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AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 min Nm 0.8 max Nm 1 min Ibin 9 max 1bin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min Ibin 9 max Nm 1	Power dissipation per pole (average value)			
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minIbin9maxIbin9Tightening torque for coil terminalminNm0.8maxNm1minIbin9maxIbin9maxIbin9				
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max Nm 1 min Ibin 9 max Ibin 9			N I .	0.0
min Ibin 9 max Ibin 9				
max Ibin 9				
		min	lbin	9
		max	lbin	9
	Max number of wires simultaneously connectable		Nr.	2



Conductor section				
	AWG/Kcmil	may		12
	Flexible w/o lug conductor section	max		12
	Flexible w/o lug conductor section	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	Пах		2.0
		min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section	n		
		min	mm²	1.5
		max	mm²	2.5
Power terminal protect	ction according to IEC/EN 60529			IP20 when
-				properly wired
Mechanical features				
Operating position				Montinal alors
		normal allowable		Vertical plan ±30°
		allowable		Screw / DIN rail
Fixing				35mm
Weight			g	178
Conductor section			5	
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chara	acteristics			
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	-			A600 - Q600
Operating current AC	15			
		230V	A	3
		400V	A	1.9
Operating current DC	10	500V	A	1.4
Operating current DC	12	110V	۸	2.9
Operating current DC	13	1100	A	2.9
Operating current DO	13	24V	А	2.9
		48V	A	1.4
		60V	A	1.2
		110V	А	0.6
		125V	А	0.55
		220V	А	0.3
		600V	А	0.1
Operations			·	
Mechanical life			cycles	2000000
Electrical life			cycles	500000
Safety related data	0d according to EN/ISO 13489-1			
r enormance level B1	100 according to EN/150 15469-1	rated load	cycles	500000
		mechanical load	cycles cycles	2000000
Mirror contats accord	ing to IEC/EN 609474-4-1		070103	yes
EMC compatibility	אין ני ובטובוז טטטדויד די			yes
AC coil operating				,
Rated AC voltage at 5	50/60Hz		V	42
AC operating voltage				

AC operating voltage



	of 50/60Hz coil powere	ed at 50Hz			
	•	pick-up			
			min	%Us	75
			max	%Us	115
		drop-out			
			min	%Us	20
			max	%Us	55
	of 50/60Hz coil powere	ed at 60Hz			
		pick-up			
			min	%Us	80
			max	%Us	115
		drop-out			
			min	%Us	20
			max	%Us	55
AC average coil consun					
	of 50/60Hz coil powere	ed at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of 50/60Hz coil powere	d at 60Hz			
			in-rush	VA	25
			holding	VA	3
	of 60Hz coil powered a	t 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
				0,000,00	
Operating times				Cycles/II	
Operating times Average time for Us cor	ntrol			cycles/m	
Average time for Us cor	ntrol in AC			Cycles/II	
Average time for Us cor		Closing NO			
Average time for Us cor		Closing NO	min		12
Average time for Us cor		Closing NO	min max	ms	
Average time for Us cor		Closing NO Opening NO	max	ms ms	12 21
Average time for Us cor		-		ms ms ms	12 21 9
Average time for Us cor		Opening NO	max	ms ms ms	12 21
Average time for Us cor		-	max min max	ms ms ms ms	12 21 9 18
Average time for Us cor		Opening NO	max min max min	ms ms ms ms ms	12 21 9 18 17
Average time for Us cor		Opening NO Closing NC	max min max	ms ms ms ms ms	12 21 9 18
Average time for Us cor		Opening NO	max min max min max	ms ms ms ms ms ms	12 21 9 18 17 26
Average time for Us cor		Opening NO Closing NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7
Average time for Us cor	in AC	Opening NO Closing NC	max min max min max	ms ms ms ms ms ms	12 21 9 18 17 26
Average time for Us cor		Opening NO Closing NC Opening NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7
Average time for Us cor	in AC	Opening NO Closing NC	max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Average time for Us cor	in AC	Opening NO Closing NC Opening NC	max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 18
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Average time for Us cor	in AC	Opening NO Closing NC Opening NC	max min max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max min max	ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max min max	ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max min max min max min	ms ms ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3 3
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO Opening NO Closing NC	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3
Average time for Us cor	in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max min max min max min	ms ms ms ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3 3

11BG0910A042The 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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		max	ms	17
UL technical data				
Full-load current (F	LA) for three-phase AC motor			
		at 480V	А	7.6
		at 600V	Α	6.1
Yielded mechanica	l performance			
	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
General USE				
	Contactor			
		AC current	А	20
Short-circuit protec	tion fuse, 600V			
	High fault			
	5	Short circuit current	kA	100
		Fuse rating	А	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	30
		Fuse class		RK5
Contact rating of au	uxiliary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°Č	+70
	Storage temperature		-	-
	go .opo.a.a.o	min	°C	-60
		max	°Č	+80
Max altitude			 m	3000
Resistance & Prote	ection			
Pollution degree				3
. Shaton dogroo				5