



Product designation			Power contactor BGF09
Product type designation Contact characteristics			DGF09
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		ΓV	0
Operational frequency	min	Hz	25
	min	Hz	400
IEC Conventional free air thermal current Ith	max	<u>п</u> 2 А	20
		A	20
Operational current le	AC 1 (<10°C)	٨	20
	AC-1 (≤40°C)	A	20
	AC-1 (≤55°C)	A	18
	AC-1 (≤70°C)	A	15
	AC-3 (≤440V ≤55°C)	A	9
	AC-4 (400V)	A	4
Rated operational power AC-3 (T≤55°C)	000)/		
	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)	0001/		•
	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	A	12
	48V	A	10
	75V	A	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



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$220 \forall A 2$ EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\leq 24 \forall A 16$ $75 \forall A 10$ $110 \forall A 10$ $220 \forall A 2$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series $\leq 24 \forall A 7$ $48 \forall A 6$ $75 \forall A 2$ $110 \forall A 1$ $220 \forall A 2$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\leq 24 \forall A 7$ $48 \forall A 6$ $75 \forall A 2$ $110 \forall A 1$ $220 \forall A - 2$ $110 \forall A 3$ $220 \forall A - 2$ $110 \forall A 4$ $220 \forall A - 2$ $110 \forall A 4$ $220 \forall A - 2$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series$ $\leq 24 \forall A 8$ $48 \forall A 8$ $75 \forall A 5$ $110 \forall A 4$ $220 \forall A - 2$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series$ $\leq 24 \forall A 10$ $48 \forall A 10$ $75 \forall A 6$ $110 \forall A 5$ $220 \forall A - 10$ $48 \forall A 0, 8$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series$ $\leq 24 \forall A 10$ $48 \forall A 0, 8$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series$ $\leq 24 \forall A 10$ $48 \forall A 0, 8$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series$ $\leq 24 \forall A 10$ $48 \forall A 0, 8$ $= C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series$ $\leq 24 \forall A 10$ $48 \forall A 0, 10$ $75 \forall A 6$ $110 \forall A 5$ $220 \forall A 0, 8$ $\leq 24 \forall A 0$	electric ENERGY AND AUTOMATION	THREE-POLE CONTACTOR, IEC OPERATING CUR 24VAC, 1NO AUXII			, AC COIL 50/60HZ, ASTON TERMINALS
$\leq 24V A = 16$ $48V A = 16$ $75V A = 10$ $110V A = 10$ $220V A = 2$ EC max current le in DC3-DC5 with L/R < 15ms with 1 poles in series $\leq 24V A = 7$ $48V A = 6$ $75V A = 2$ $110V A = 1$ $220V A = -$ EC max current le in DC3-DC5 with L/R < 15ms with 2 poles in series $\leq 24V A = 8$ $48V A = 8$ $48V A = 8$ $48V A = 8$ $75V A = 5$ $110V A = 4$ $220V A = -$ EC max current le in DC3-DC5 with L/R < 15ms with 3 poles in series $\leq 24V A = 10$ $48V A = 10$ $75V A = 5$ $110V A = 5$ $220V A = -$ EC max current le in DC3-DC5 with L/R < 15ms with 3 poles in series $\leq 24V A = 10$ $75V A = 5$ $110V A = 5$ $220V A = -$ EC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\leq 24V A = 10$			220V	А	2
$ \begin{array}{c cccc} 48V & A & 16 \\ 75V & A & 10 \\ 110V & A & 10 \\ 220V & A & 2 \end{array} \\ \hline \\$	IEC max current le in	DC1 with L/R \leq 1ms with 4 poles in series			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			≤24V	А	16
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			48V	А	16
$220 \forall A 2$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series $224 \forall A 7$ $48 \forall A 6$ $75 \forall A 2$ $110 \forall A 1$ $220 \forall A -$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $224 \forall A 8$ $48 \forall A 8$ $75 \forall A 5$ $110 \forall A 4$ $220 \forall A -$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $224 \forall A 8$ $48 \forall A 8$ $75 \forall A 5$ $110 \forall A 4$ $220 \forall A -$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $224 \forall A 10$ $75 \forall A 6$ $110 \forall A 5$ $220 \forall A 0,8$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $224 \forall A 10$ $75 \forall A 6$ $110 \forall A 5$ $220 \forall A 10$			75V	А	10
EC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series $\leq 24V A \qquad 7$ $48V A \qquad 6$ $75V A \qquad 2$ $110V A \qquad 1$ $220V A \qquad -$ EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series $\leq 24V A \qquad 8$ $48V A \qquad 8$ $75V A \qquad 5$ $110V A \qquad 4$ $220V A \qquad -$ EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series $\leq 24V A \qquad 10$ $48V A \qquad 10$ $48V A \qquad 10$ $75V A \qquad 6$ $110V A \qquad 5$ $220V A \qquad 0.8$ EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series $\leq 24V A \qquad 10$			110V	А	10
$\leq 24V A 7$ $48V A 6$ $75V A 2$ $110V A 1$ $220V A -$ EC max current le in DC3-DC5 with L/R ≤ 15 ms with 2 poles in series $\leq 24V A 8$ $48V A 8$ $48V A 8$ $75V A 5$ $110V A 4$ $220V A -$ EC max current le in DC3-DC5 with L/R ≤ 15 ms with 3 poles in series $\leq 24V A 10$ $48V A 10$ $48V A 10$ $48V A 10$ $75V A 6$ $110V A 5$ $220V A 0.8$ EC max current le in DC3-DC5 with L/R ≤ 15 ms with 4 poles in series $\leq 24V A 10$			220V	Α	2
$48V A \qquad 6$ $75V A \qquad 2$ $110V A \qquad 1$ $220V A \qquad -$ $EC \text{ max current le in DC3-DC5 with L/R < 15ms with 2 poles in series}$ $\leq 24V A \qquad 8$ $48V A \qquad 8$ $75V A \qquad 5$ $110V A \qquad 4$ $220V A \qquad -$ $EC \text{ max current le in DC3-DC5 with L/R < 15ms with 3 poles in series}$ $\leq 24V A \qquad 10$ $48V A \qquad 10$ $75V A \qquad 6$ $110V A \qquad 5$ $220V A \qquad -$ $EC \text{ max current le in DC3-DC5 with L/R < 15ms with 3 poles in series}$ $\leq 24V A \qquad 10$ $48V A \qquad 10$ $75V A \qquad 6$ $110V A \qquad 5$ $220V A \qquad 0.8$ $EC \text{ max current le in DC3-DC5 with L/R < 15ms with 4 poles in series}$ $\leq 24V A \qquad 10$	EC max current le in	DC3-DC5 with L/R \leq 15ms with 1 poles in series			
$ \begin{array}{c c c c c c } 75 & A & 2 \\ 110 & A & 1 \\ 220 & A & - \end{array} \\ \hline \\$			≤24V	А	7
$ \begin{array}{c c c c c c } 110 & A & 1 \\ 220 & A & - \end{array} \\ \hline \\$			48V	А	6
$220 \forall A = -$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			75V	А	2
EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series $\leq 24V A \qquad 8$ $48V A \qquad 8$ $75V A \qquad 5$ $110V A \qquad 4$ $220V A \qquad -$ EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series $\leq 24V A \qquad 10$ $48V A \qquad 10$ $75V A \qquad 6$ $110V A \qquad 5$ $220V A \qquad 0,8$ EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series $\leq 24V A \qquad 10$			110V	А	1
$ \leq 24V A \qquad 8 \\ 48V A \qquad 8 \\ 75V A \qquad 5 \\ 110V A \qquad 4 \\ 220V A \qquad - \\ \hline EC \text{ max current le in DC3-DC5 with L/R } \leq 15\text{ms with 3 poles in series} \\ \leq 24V A \qquad 10 \\ 48V A \qquad 10 \\ 75V A \qquad 6 \\ 110V A \qquad 5 \\ 220V A \qquad 5 \\ 220V A \qquad 0,8 \\ \hline EC \text{ max current le in DC3-DC5 with L/R } \leq 15\text{ms with 4 poles in series} \\ \hline EC \text{ max current le in DC3-DC5 with L/R } \leq 15\text{ms with 4 poles in series} \\ \hline \end{tabular}$			220V	А	_
$ \begin{array}{cccc} 48 & A & 8 \\ 75 & A & 5 \\ 110 & A & 4 \\ 220 & A & - \end{array} \\ \hline \\$	EC max current le in	DC3-DC5 with L/R \leq 15ms with 2 poles in series			
$\begin{array}{cccc} 75 & A & 5 \\ 110 & A & 4 \\ 220 & A & - \end{array}$ $\begin{array}{cccc} \text{EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series} & & & \\ & \leq 24 & A & 10 \\ & 48 & A & 10 \\ & 75 & A & 6 \\ & 110 & A & 5 \\ & 220 & A & 0,8 \end{array}$ $\begin{array}{ccccc} \text{EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series} & & \\ & \leq 24 & A & 10 \\ & 75 & A & 6 \\ & 110 & A & 5 \\ & 220 & A & 0,8 \end{array}$			≤24V	А	8
$\begin{array}{c cccc} 75 & A & 5 \\ 110 & A & 4 \\ 220 & A & - \end{array}$ $\begin{array}{c ccccccccccccccccccccccccccccccccccc$			48V	А	8
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			75V	А	
EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			110V	А	
$ \leq 24V A \qquad 10 \\ 48V A \qquad 10 \\ 75V A \qquad 6 \\ 110V A \qquad 5 \\ 220V A \qquad 0,8 \\ \leq 24V A \qquad 10 \\ = 24V A \qquad 10 \\ = 24V A \qquad 10 \\ = 24V$			220V	А	_
$ \begin{array}{cccc} 48 V & A & 10 \\ 75 V & A & 6 \\ 110 V & A & 5 \\ 220 V & A & 0,8 \end{array} \\ \hline \\$	EC max current le in	DC3-DC5 with L/R \leq 15ms with 3 poles in series			
$ \begin{array}{cccc} 75 \ensuremath{V} & \ensuremath{A} & \ensuremath{6} \\ 110 \ensuremath{V} & \ensuremath{A} & \ensuremath{5} \\ 220 \ensuremath{V} & \ensuremath{A} & \ensuremath{0,8} \\ \end{array} \\ \hline \ensuremath{EC} \ensuremath{max} \ensuremath{current} \ensuremath{le} \ensuremath{n} \ensuremath{C} \ensuremath{max} \ensuremath{max} \ensuremath{max} \ensuremath{max} \ensuremath{max} \ensuremath{N} \ensuremath{max} \ensuremath{\mathsfmax}} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax}} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax}} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax}} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax}} \ensuremath{\mathsfmax} \ensuremath{\mathsfmax} \ensurema$			≤24V	А	10
$110V A 5$ $220V A 0,8$ EC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\leq 24V A 10$			48V	А	10
$110V A \qquad 5$ $220V A \qquad 0.8$ EC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $\leq 24V \qquad A \qquad 10$			75V	А	6
$220V A 0,8$ EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V A 10$					
EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series ≤24V A 10					
≤24V A 10	EC max current le in	DC3-DC5 with L/R \leq 15ms with 4 poles in series			
		·	≤24V	А	10
				А	

	101		10
	75V	А	6
	110V	А	5
	220V	А	0,8
Short-time allowable current for 10s (IEC/EN60947-1)		А	96
Protection fuse			
	gG (IEC)	А	20
	aM (IEC)	А	10
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	4
	AC-3	W	0.81
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9
	max	Ibin	9
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9



11BGF0910A024 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ, 24VAC, 1NO AUXILIARY CONTACT, FASTON TERMINALS

	Should be a successive set of the	max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			10
	Elevite w/a los analystas as stics	max		12
	Flexible w/o lug conductor section	min	ma ma 2	0.75
		min	mm² mm²	0.75 2.5
	Flovible o/w lug conductor spection	max	111111	2.0
	Flexible c/w lug conductor section	min	mm²	1.5
			mm²	2.5
	Elevible with insulated spade lug conductor section	max	111111	2.0
	Flexible with insulated spade lug conductor section	min	mm²	1.5
			mm²	2.5
		max	11111-	IP20 when
Power terminal prote	ction according to IEC/EN 60529			
Mechanical features				properly wired
Operating position				
		normal		Vertical plan
		allowable		±30°
		allowable		±30 Screw / DIN ra
Fixing				35mm
Weight			g	180
Conductor section			9	100
	AWG/kcmil conductor section			
	AWG/Kernin conductor section	mov		12
		max		12
Auxiliany contact char	actoristics			
Auxiliary contact char	acteristics		۸	10
Thermal current Ith			A	10
Thermal current lth IEC/EN 60947-5-1 de	esignation		A	10 A600 - Q600
Thermal current Ith	esignation	2201/		A600 - Q600
Thermal current lth IEC/EN 60947-5-1 de	esignation	230V	A	A600 - Q600 3
Thermal current lth IEC/EN 60947-5-1 de	esignation	400V	A A	A600 - Q600 3 1.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15		A	A600 - Q600 3
Thermal current lth IEC/EN 60947-5-1 de	esignation 15	400V 500V	A A A	A600 - Q600 3 1.9 1.4
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V	A A	A600 - Q600 3 1.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V	A A A A	A600 - Q600 3 1.9 1.4 2.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V 24V	A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V 24V 48V	A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V 24V 48V 60V	A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.1
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V 24V 48V 60V 125V	A A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	400V 500V 110V 24V 48V 60V 125V 220V	A A A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	400V 500V 110V 24V 48V 60V 125V	A A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC	esignation 15	400V 500V 110V 24V 48V 60V 125V 220V	A A A A A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life	esignation 15	400V 500V 110V 24V 48V 60V 125V 220V	A A A A A A A A A A A A Cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life	esignation 15	400V 500V 110V 24V 48V 60V 125V 220V	A A A A A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	esignation 215 212 213	400V 500V 110V 24V 48V 60V 125V 220V	A A A A A A A A A A A A Cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	esignation 15	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	esignation 15 212 213 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000 500000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ²	esignation 15 12 13 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ²	esignation 15 212 213 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000 500000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ²	esignation 15 12 13 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000 500000 500000
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ² Mirror contats accord	esignation 15 12 13 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.1 0.3 0.1 0.6 20000000 500000 500000 500000 20000000 yes

11BGF0910A024 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



AC operating voltage					
	of 50/60Hz coil powered	d at 50Hz			
		pick-up			
		F	min	%Us	75
			max	%Us	115
		dram aut	Παλ	/005	115
		drop-out			
			min	%Us	20
			max	%Us	55
	of 50/60Hz coil powered	d at 60Hz			
		pick-up			
			min	%Us	80
			max	%Us	115
		drop out	max	/003	110
		drop-out		0/11-	00
			min	%Us	20
			max	%Us	55
AC average coil consu	Imption at 20°C				
	of 50/60Hz coil powered	d at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of E0/60Hz apil powered		Totaling	V/ (т
	of 50/60Hz coil powered		·	174	05
			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					0.00
				av val a a /la	2600
Mechanical operation				cycles/h	3000
Operating times				cycles/n	3000
				cycies/n	3600
Operating times	ontrol in AC			cycles/n	3000
Operating times		Closing NO		cycles/n	3000
Operating times		Closing NO	min		
Operating times		Closing NO	min max	ms	12
Operating times		-	min max		
Operating times		Closing NO Opening NO	max	ms ms	12 21
Operating times		-	max	ms ms ms	12 21 9
Operating times		Opening NO	max	ms ms	12 21
Operating times		-	max	ms ms ms	12 21 9
Operating times		Opening NO	max	ms ms ms	12 21 9
Operating times		Opening NO	max min max	ms ms ms ms	12 21 9 18 17
Operating times		Opening NO Closing NC	max min max min	ms ms ms ms	12 21 9 18
Operating times		Opening NO	max min max min max	ms ms ms ms ms	12 21 9 18 17 26
Operating times		Opening NO Closing NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7
Operating times	in AC	Opening NO Closing NC	max min max min max	ms ms ms ms ms	12 21 9 18 17 26
Operating times		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
Operating times	in AC	Opening NO Closing NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Operating times	in AC	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
Operating times	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
Operating times	in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max min	ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Operating times	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
Operating times	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	12 21 9 18 17 26 7 17 17 18 25 2
Operating times	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	12 21 9 18 17 26 7 17 17
Operating times	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	12 21 9 18 17 26 7 17 17 18 25 2 3
Operating times	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	12 21 9 18 17 26 7 17 17 18 25 2 3 3
Operating times	in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3
Operating times	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	12 21 9 18 17 26 7 17 17 18 25 2 3 3

11BGF0910A024 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



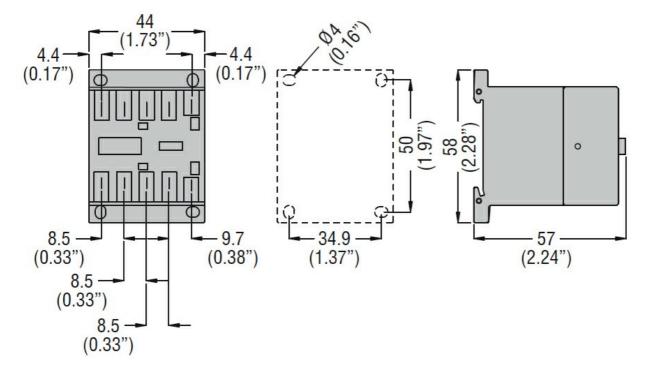
11BGF0910A024 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ, 24VAC, 1NO AUXILIARY CONTACT, FASTON TERMINALS

min ms 11 max ms 17 UL technical data max ms 17 Full-load current (FLA) for three-phase AC motor at 480V A 7.6 A 6.1 Tielded mechanical performance for single-phase AC motor 110/120V HP 0.5 230V HP 1.5 for three-phase AC motor 200/208V HP 2 200/208V HP 2 220/230V HP 3 460/480V HP 5 5 5 General USE Contactor AC current A 20 Short-circuit protection fuse, 600V HIgh fault Short circuit current KA 100 Fuse rating A 30 Tuse class J J Standard fault Short circuit current KA 5 6 Max althide Max C -500 - 0600 A A 30 Contactor A 800 - 0600 A Generat rating of auxiliary contacts accordin					
UL technical data Full-load current (FLA) for three-phase AC motor at 600V A 7ielded mechanical performance for single-phase AC motor 110/120V HP 230V HP 230V HP 230V HP 200/208V HP 220/230V HP 220/230V HP 3460/480V HP 575/600V HP 5 General USE Contactor AC current A 20 Short-circuit protection fuse, 600V High fault Fuse rating A Standard fault Short circuit current KA 100 Fuse rating A Standard fault Short circuit current KA 5 Fuse rating A Operating temperature min max "C Contact rating of auxiliary contacts according to UL A 600 - Q600 Ambient conditions - Temperature			min	ms	11
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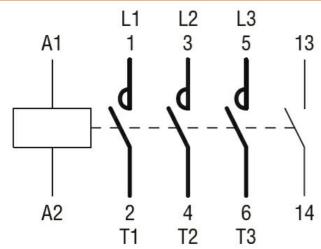
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 50/60HZ, 24VAC, 1NO AUXILIARY CONTACT, FASTON TERMINALS



Wiring diagrams



Certifications and compliance

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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