



Contract characteristicsNumber of polesNr. 3Rated insulation voltage UI IEC/ENV690Rated insulation voltage UImpKV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current IthA20Operational current leAC-1 (\$40°C)A20AC-1 (\$55°C)A18AC-1 (\$55°C)A15AC-3 (\$440V \$55°C)A9AC-4 (400V)A4Rated operational power AC-3 (T≤55°C)230VkW2.2400VkW4415VkW4.3440VkW4.5500VkW5Rated operational power AC-1 (T≤40°C)230VkW8400VkW4450VkW44.5500VkW16690VkW22230VkW8400VkW14500VkW16690VkW2212IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1248VA1075VA9110VA3220VA116600VkW1548VA1548VA1675VA9IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA1675VA9110VA8220V-1104	Product designation Product type designation			Power contactor BGF09
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Operational frequency min Hz 25 max Hz 400 125 IEC Conventional free air thermal current lth A 20 Operational current le AC-1 (s40°C) A 20 AC-1 (s40°C) A 20 AC-1 (s40°C) A 15 AC-1 (s40°C) A 15 AC-3 (s440V s55°C) A 9 AC-4 (400V) A 4 415 KW 4 Advov kW 4 415 kW 4 Advov kW 4 5 500V kW 4 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series				
Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA20Operational current leAC-1 (\$40°C)A20AC-1 (\$55°C)A15AC-3 (\$440V \$55°C)A9AC-4 (400V)A4Rated operational power AC-3 (T<55°C)	Number of poles		Nr.	3
Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth A 20 Operational current le AC-1 (≤40°C) A 20 AC-1 (≤55°C) A 18 AC-1 (≤55°C) A 18 AC-3 (≤400V) A 4 8 AC-3 (≤400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4 Rated operational power AC-3 (T≤55°C) 230V kW 4.3 440V kW 4.5 S00V kW 4.5 500V kW 4.5 S00V kW 4.5 500V kW 4.6 EC 230V kW 4.5 500V kW 2.2 Rated operational power AC-1 (TS40°C) 230V kW 8 400V kW 4.1 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 12 48V A 10	Rated insulation voltage Ui IEC/EN		V	690
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Rated impulse withstand voltage Uimp		kV	6
max Hz 400 Decisional current le A 20 Querational current le AC-1 (s40°C) A 20 AC-1 (s55°C) A 18 AC-1 (s50°C) A 9 AC-3 (s40V S5°C) A 9 AC-4 (400V) A 4 Rated operational power AC-3 (T≤55°C) 230V kW 2.2 400V kW 4 Rated operational power AC-3 (T≤55°C) 230V kW 4.3 415V KW 4.3 Rated operational power AC-1 (T≤40°C) 230V kW 4.5 500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 4.5 S00V kW 16 690V kW 16 Genov kW 8 22 440V 4 110V A 3 220V A 12 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V A 15 48V A 14	Operational frequency			
IEC Conventional free air thermal current lth A 20 Operational current le AC-1 (\$40°C) A 20 AC-1 (\$55°C) A 18 AC-1 (\$55°C) A 18 AC-3 (\$4400 \s55°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 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 14 500V kW 14 690V kW 14 500V kW 16 690V kW 12 48V A 10 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 15 48V A 14 75V A 9 110V A 8 220V - -		min	Hz	25
Operational current le 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) 230V kW 2.2 400V kW 4.3 440V 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 8 690V kW 5 690V kW 8 1EC 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 - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 15 48V A 14 75V A 9		max	Hz	400
$\begin{array}{cccc} & AC-1 (\leq 40^{\circ}C) & A & 20 \\ AC-1 (\leq 57^{\circ}C) & A & 18 \\ AC-1 (57^{\circ}C) & A & 9 \\ AC-3 (\leq 4400 \lor 55^{\circ}C) & A & 9 \\ AC-4 (400 \lor) & A & 4 \\ \end{array}$ Rated operational power AC-3 (T≤55°C) $\begin{array}{c} 230 \lor & kW & 2.2 \\ 400 \lor & kW & 4.3 \\ 415 \lor & kW & 4.3 \\ 440 \lor & kW & 4.5 \\ 500 \lor & kW & 5 \\ \end{array}$ Rated operational power AC-1 (T≤40°C) $\begin{array}{c} 230 \lor & kW & 8 \\ 400 \lor & kW & 5 \\ \hline & 690 \lor & kW & 5 \\ \hline & 690 \lor & kW & 5 \\ \hline & 690 \lor & kW & 16 \\ \hline & 690 \lor & kW & 16 \\ \hline & 690 \lor & kW & 22 \\ \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\begin{array}{c} \leq 24 \lor & A & 12 \\ 48 \lor & A & 10 \\ 75 \lor & A & 4 \\ 110 \lor & A & 3 \\ 220 \lor & A & - \\ \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\begin{array}{c} \leq 24 \lor & A & 12 \\ 48 \lor & A & 10 \\ 75 \lor & A & 4 \\ 110 \lor & A & 3 \\ 220 \lor & A & - \\ \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\begin{array}{c} \leq 24 \lor & A & 14 \\ 75 \lor & A & 4 \\ 110 \lor & A & 3 \\ 220 \lor & A & - \\ \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\begin{array}{c} \leq 24 \lor & A & 16 \\ 48 \lor & A & 16 \\ 75 \lor & A & 14 \\ 75 \lor & A & 16 \\ 48 \lor & A & 16 \\ 75 \lor & A & 10 \\ 110 \lor & A & 16 \\ \end{array}$	IEC Conventional free air thermal current Ith		Α	20
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Operational current le			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			А	20
AC-3 (≤440V ≤55°C) A 9 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 8 400V kW 8 690V kW 14 500V kW 14 50V A 12 48V A 10 75V A 9 110V A 3 220V A 14 75V A 9 110V A 8 220V			А	18
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 16 690V kW 16 690V kW 22 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 224V A 12 48V A 10 75V A 4 110V A 3 220V A 15 48V A 14 75V A 9 110V A 8 220V A - 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series 524V A 15 48V A 14 75V A 9 110V			А	
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 8e90V 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 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 224V A 12 48V A 10 75V A 4 110V A 3 220V A - IEC 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 8 220V A - IEC 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		. , ,	А	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	A	4
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c} 440 \\ 440 \\ 500 \\ 800 \\ 8W \\ 5 \\ \hline \\ 690 \\ W \\ 5 \\ \hline \\ 690 \\ W \\ 5 \\ \hline \\ 690 \\ W \\ 5 \\ \hline \\ \\ 230 \\ W \\ 5 \\ \hline \\ \\ 400 \\ W \\ 14 \\ 500 \\ W \\ 22 \\ \hline \\ \hline \\ \hline \\ 690 \\ W \\ 22 \\ \hline \\ $				
500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 8 400V kW 14 500V kW 16 690V kW 12 480V A 10 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series S24V A 12 48V A 10 75V A 4 110V A 3 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series S24V A 15 48V A 14 75V A 9 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series S24V A 16 48V A 16 48V A 16 75V A 10				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
Rated operational power AC-1 (T≤40°C) $230V$ kW8 $400V$ kW14 $500V$ kW16 $690V$ kW22IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A12 $48V$ A10 $75V$ A4 $110V$ A3 $220V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A15 $48V$ A14 $75V$ A9 $110V$ A8 $220V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A16 $48V$ A16 $75V$ A10IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A16 $48V$ A16 $75V$ A10IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A16 $48V$ A16 $75V$ A10 $110V$ A10101010				
$\begin{array}{cccc} 230 \lor & k \cr & 8 \\ 400 \lor & k \cr & 14 \\ 500 \lor & k \cr & 22 \\ \hline \\ IEC max current le in DC1 with L/R \leq 1ms with 1 poles in series \\ \hline \\ & \leq 24 \lor & A & 12 \\ 48 \lor & A & 10 \\ 75 \lor & A & 4 \\ 110 \lor & A & 3 \\ 220 \lor & A & - \\ \hline \\ IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series \\ \hline \\ & \leq 24 \lor & A & 15 \\ 48 \lor & A & 14 \\ 75 \lor & A & 9 \\ 110 \lor & A & 8 \\ 220 \lor & A & - \\ \hline \\ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline \\ & IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline \\ & \leq 24 \lor & A & 16 \\ 48 \lor & A & 16 \\ 75 \lor & A & 10 \\ 110 \lor & A & 10 \\ \hline \end{array}$		690V	kW	5
$ \begin{array}{c} 400 \lor k \Downarrow 14 \\ 500 \lor k \Downarrow 22 \end{array} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$	Rated operational power AC-1 ($T \le 40^{\circ}$ C)	0001/		•
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A1248VA1075VA4110VA3220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A1548VA1475VA9110VA8220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1648VA1648VA1648VA1648VA10 $110V$ A10				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IFC more summarial in DC4 with 1/D < 4 more with 4 moles in series	690V	KVV	22
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	The current is in DCT with $L/R \leq TMS$ with T poiss in series	<041/	٨	40
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c } \hline 220 & A & - \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series} \\ \hline & \leq 24 V & A & 15 \\ & 48 V & A & 14 \\ & 75 V & A & 9 \\ & 110 V & A & 8 \\ & 220 V & A & - \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ \hline & \leq 24 V & A & 16 \\ & 48 V & A & 16 \\ & 75 V & A & 10 \\ & 110 V & A & 10 \\ \hline \end{array}$				
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A1548VA1475VA9110VA8220VA-IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A1648VA1675VA10110VA10				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IFC may current le in DC1 with L/R < 1ms with 2 poles in series	220 V	~	
$ \begin{array}{ccccc} 48V & A & 14 \\ 75V & A & 9 \\ 110V & A & 8 \\ 220V & A & - \end{array} \\ \hline \\$		<21/1	۸	15
$\begin{array}{cccc} 75 & A & 9 \\ 110 & A & 8 \\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{cccc} \leq 24 & A & 16 \\ 48 & A & 16 \\ 75 & A & 10 \\ 110 & A & 10 \end{array}$				
$ \begin{array}{c cccc} 110 V & A & 8 \\ 220 V & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 3 poles in series} \\ & \le 24 V & A & 16 \\ & 48 V & A & 16 \\ & 75 V & A & 10 \\ & 110 V & A & 10 \end{array} $				
220V A - IEC 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 10 10				
IEC 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				
≤24V A 16 48V A 16 75V A 10 110V A 10	IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series	2231		
48V A 16 75V A 10 110V A 10		≤24\/	А	16
75V A 10 110V A 10				
110V A 10				
		220V	A	2



IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	16
	48V	А	16
	75V	А	10
	110V	А	10
	220V	А	2
EC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series			
	≤24V	А	7
	48V	A	6
	75V	A	2
	110V	A	1
	220V	A	I
$I_{\rm EC}$ may summat be in DC2 DCE with $1/D < 45$ may with 2 males in series	2200	A	
EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series	-0.01	٨	0
	≤24V	A	8
	48V	А	8
	75V	А	5
	110V	А	4
	220V	А	_
EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	≤24V	А	10
	48V	А	10
	75V	А	6
	110V	А	5
	220V	А	0,8
EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series			-,-
	≤24V	А	10
	48V	A	10
	48V 75V	A	6
	110V	A	5
	220V	A	0,8
Short-time allowable current for 10s (IEC/EN60947-1)		А	96
Protection fuse			
	gG (IEC)	А	20
	aM (IEC)	A	10
Making capacity (RMS value)		Α	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)			
	Ith	W	4
	AC-3	W	0.81
Tightening torque for terminals	AC 3	vv	0.01
	min	Nm	0.8
	min		
	max	Nm	1
	min	Ibin	9
	max	Ibin	9
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9
	max	lbin	9



	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section		2	0.75
		min	mm²	0.75
	Flavible s/when any dustance sting	max	mm²	2.5
	Flexible c/w lug conductor section	min	m m ²	1 E
		min	mm² mm²	1.5 2.5
	Flexible with insulated spade lug conductor section	max	111111	2.0
	T lexible with insulated space log conductor section	min	mm²	1.5
		max	mm²	2.5
		max		IP20 when
Power terminal prote	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rai 35mm
Weight			g	179
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact char	acteristics			
Thermal current Ith			Α	10
EC/EN 60947-5-1 de				A600 - Q600
Operating current AC	15		_	
		230V	A	3
		400V	A	1.9
	40	500V	A	1.4
Operating current DC	12	110V	^	2.0
Operating current DC	-12	1100	A	2.9
Operating current DC	15	24V	А	2.9
			A	2.9
			Δ	1 /
		48V	A A	1.4 1 1
		48V 60V	А	1.1
		48V 60V 125V	A A	1.1 0.3
		48V 60V 125V 220V	A A A	1.1 0.3 0.1
Operations		48V 60V 125V	A A	1.1 0.3
Operations Mechanical life		48V 60V 125V 220V	A A A A	1.1 0.3 0.1 0.6
		48V 60V 125V 220V	A A A A cycles	1.1 0.3 0.1
Mechanical life		48V 60V 125V 220V	A A A A	1.1 0.3 0.1 0.6 20000000
Mechanical life Electrical life Safety related data	0d according to EN/ISO 13489-1	48V 60V 125V 220V	A A A A cycles	1.1 0.3 0.1 0.6 20000000
Mechanical life Electrical life Safety related data	10d according to EN/ISO 13489-1	48V 60V 125V 220V	A A A A cycles	1.1 0.3 0.1 0.6 20000000
Mechanical life Electrical life Safety related data	-	48V 60V 125V 220V 600V	A A A cycles cycles	1.1 0.3 0.1 0.6 20000000 500000
Mechanical life Electrical life Safety related data Performance level B ²	-	48V 60V 125V 220V 600V	A A A cycles cycles	1.1 0.3 0.1 0.6 20000000 500000 500000 500000 20000000
Mechanical life Electrical life Safety related data Performance level B ²	med	48V 60V 125V 220V 600V	A A A cycles cycles	1.1 0.3 0.1 0.6 20000000 500000 500000
Mechanical life Electrical life Safety related data Performance level B ² Mirror contats accord	med	48V 60V 125V 220V 600V	A A A cycles cycles	1.1 0.3 0.1 0.6 20000000 500000 500000 20000000 yes

AC operating voltage

11BGF0901A04860



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 60HZ, 48VAC, 1NC AUXILIARY CONTACT, FASTON TERMINALS

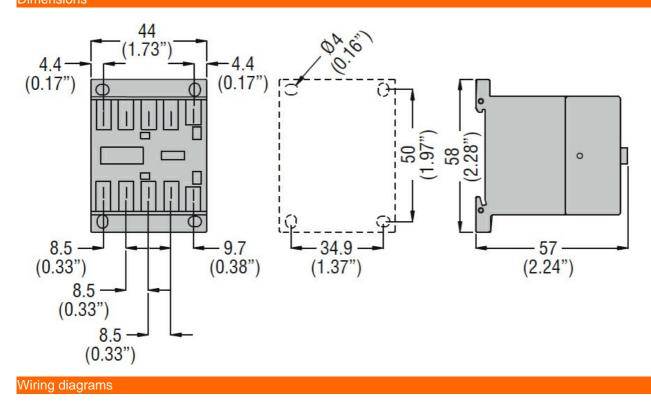
	of 60Hz coil powe	red at 60Hz			
		pick-up			
			min	%Us	75
			max	%Us	115
		drop-out			
			min	%Us	20
			max	%Us	55
C average coil consu	Imption at 20°C				
	of 50/60Hz coil po	owered at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of 50/60Hz coil po	owered at 60Hz			
			in-rush	VA	25
			holding	VA	3
	of 60Hz coil powe	red at 60Hz			
			in-rush	VA	30
			holding	VA	4
Dissipation at holding :	≤20°C 50Hz			W	0.95
lax cycles frequency					0.000
lechanical operation				cycles/h	3600
Operating times					
verage time for Us co					
	in AC				
		Closing NO			4.0
			min	ms	12
			max	ms	21
		Opening NO	min	-	9
				ms ms	9 18
		Closing NC	max	1115	10
			min	ms	17
			max	ms	26
		Opening NC	IIIdA	1113	20
			min	ms	7
			max	ms	17
	in DC		max		
		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
JL technical data					
JL technical data Full-load current (FLA)	for three-phase AC	; motor			
	for three-phase AC	c motor	at 480V	A	7.6

for single-phase AC motor

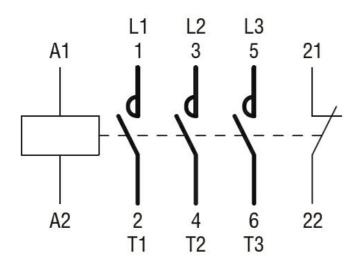


		110/120V	HP	0.5
		230V	HP	1.5
	for three-phase AC motor			
		200/208V	HP	2
		220/230V	HP	3
		460/480V	HP	5
		575/600V	HP	5
General USE				
	Contactor			
		AC current	А	20
Short-circuit protection	on fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	A	30
		Fuse class	~	J
	Standard fault	T use class		J
	Standard Tault	Chart airquit aurrent	L۸	F
		Short circuit current	kA	5
<u> </u>		Fuse rating	Α	30
	iliary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	+70
	Storage temperature			
		min	°C	-60
		max	°C	+80
Max altitude			m	3000
Resistance & Protect	tion			
Pollution degree				3

Dimensions







Certifications and compliance

oompnanoo	Comp	liance
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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