



Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Operational current le	min max	Nr. V kV Hz Hz A	BG09 3 690 6 25 400
Number of poles         Rated insulation voltage Ui IEC/EN         Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith		V kV Hz Hz	690 6 25
Rated insulation voltage Ui IEC/EN         Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith		V kV Hz Hz	690 6 25
Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith		kV Hz Hz	6 25
Operational frequency IEC Conventional free air thermal current Ith		Hz Hz	25
IEC Conventional free air thermal current Ith		Hz	
		Hz	
	max		400
		A	
Operational current le			20
	AC-1 (≤40°C)	А	20
	AC-1 (≤55°C)	А	18
	AC-1 (≤70°C)	А	15
AC-3 (	(≤440V ≤55°C)	А	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	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 ≤ 1ms with 3 poles in series			
	≤24V	А	16
	48V	А	16
	75V	А	10
	110V	А	10



11BG0910A57560

## THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 60HZ, 575VAC, 1NO AUXILIARY CONTACT 220V А 2

	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	А	16
	48V	А	16
	75V	A	10
	110V	A	10
	220V	A	2
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series			
	≤24V	A	7
	48V	А	6
	75V	Α	2
	110V	Α	1
	220V	А	_
IEC max current le in DC3-DC5 with $L/R \le 15$ ms 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 $L/R \le 15$ ms with 3 poles in series			
	≤24V	Α	10
	48V	Α	10
	75V	А	6
	110V	А	5
	220V	А	0,8
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series			-,-
	≤24V	А	10
	48V		
		A	10
	75V	A	6
	110V	Α	5
	220V	A	0,8
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse			
	gG (IEC)	А	20
	aM (IEC)	А	10
Making capacity (RMS value)	. ,	Α	92
Breaking capacity at voltage			
Disaning oupdoiry at rollago	440V	А	72
	440V 500V	A	72
	690V	<u>A</u>	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	Ibin	9
		Ibin	9
Tightoning torque for cell to main al	max	חומו	3
Tightening torque for coil terminal	-		
	min	Nm	0.8
	max	Nm	1
	min	lbin	9



**11BG0910A57560** THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 60HZ, 575VAC, 1NO AUXILIARY CONTACT

Max number of wires	simultaneously connectable	max	Ibin Nr.	9
Conductor section			INI.	2
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section	Пах		12
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section			
	-	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			
		min	mm²	1.5
		max	mm²	2.5
Power terminal prote	ction according to IEC/EN 60529			IP20 when
Power terminal prote	clion according to IEC/EN 80529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rai
				35mm
Weight			g	187
Conductor section				
	AWG/kcmil conductor section			
A		max		12
Auxiliary contact char	acteristics	max	٨	
Thermal current Ith		max	A	10
Thermal current lth IEC/EN 60947-5-1 de	esignation	max	A	
Thermal current Ith	esignation			10 A600 - Q600
Thermal current lth IEC/EN 60947-5-1 de	esignation	230V	A	10 A600 - Q600 3
Thermal current lth IEC/EN 60947-5-1 de	esignation	230V 400V	A A	10 A600 - Q600 3 1.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	230V	A	10 A600 - Q600 3
Thermal current lth IEC/EN 60947-5-1 de	esignation 15	230V 400V 500V	A A A	10 A600 - Q600 3 1.9 1.4
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V	A A	10 A600 - Q600 3 1.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC	esignation 15	230V 400V 500V 110V	A A A A	10 A600 - Q600 3 1.9 1.4 2.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V	A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V	A A A A A	10 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 Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V	A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V	A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6 0.55
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6 0.55
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operations Mechanical life	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A Cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000
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	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A A	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
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	esignation 15 212 213	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A Cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000
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	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 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	esignation 15 12 13 10d according to EN/ISO 13489-1	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 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 <sup>2</sup>	esignation 15 12 13 10d according to EN/ISO 13489-1	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 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 <sup>2</sup>	esignation 15 12 13 10d according to EN/ISO 13489-1	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	10 A600 - Q600 3 1.9 1.4 2.9 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000

OV electric ENERGY AND AUTOMATION

11BG0910A57560 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, AC COIL 60HZ,

575VAC, 1NO AUXILIARY CONTACT

Rated AC voltage at 6	0Hz			V	575
C operating voltage					
	of 60Hz coil powered				
		pick-up			
			min	%Us	75
		duran arat	max	%Us	115
		drop-out	min	0/110	20
			min	%Us %Us	20 55
AC average coil consu	umption at 20°C		max	/005	55
AC average con const	of 50/60Hz coil powe	rod at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of 50/60Hz coil powe	red at 60Hz	Hording	.,,	•
			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					
	in AC				
		Closing NO			
			min	ms	12
			max	ms	21
		Opening NO			0
			min	ms	9
			max	ms	18
		Closing NC	min	me	17
			min max	ms ms	26
		Opening NC	max	1115	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					
-ull-load current (FLA)	for three-phase AC me	otor		_	
				^	76
			at 480V at 600V	A A	7.6 6.1

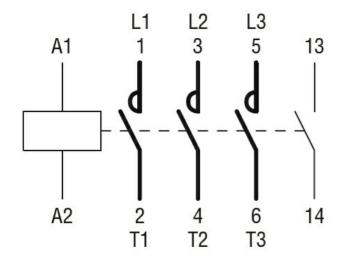
11BG0910A57560 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



Yielded mechanica				
	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		010/0001		0
	Contester			
	Contactor		•	00
<b>•</b> •••••		AC current	A	20
Short-circuit protect				
	High fault			
		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 a	uxiliary contacts according to UL			A600 - Q600
Ambient conditions				A000 Q000
	5			
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	+70
	Storage temperature			
		min	°C	-60
		max	°C	+80
Max altitude			m	3000
Resistance & Prote	ection			
Pollution degree				3
Dimensions				<u> </u>
4.4 (0.17") (0	4.4 .17") \$. (2.24") 1		5	57
		94.2 (3.71") (3.71") (3.71") (1.97 (1.97) (1.97)	(2.28	
(0.33") 8.5 (0.33") 8.5 (0.33")	1.7 - 34.9 - 34.			RF9 
(0.33")		(1.73")		(3.51")

Wiring diagrams





## Certifications and compliance

## Compliance

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