

Product designation			Power contactor
Product type designation Contact characteristics			BG06
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		IX V	
Operational requestoy	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	16
Operational current le			
	AC-1 (≤40°C)	Α	16
	AC-1 (≤55°C)	Α	14
	AC-1 (≤70°C)	Α	12
	AC-3 (≤440V ≤55°C)	Α	6
	AC-4 (400V)	Α	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
	690V	kW	3
Rated operational power AC-1 (T≤40°C)			
	230V	kW	6
	400V	kW	10
	500V	kW	13
	690V	kW	18
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	Α	9
	48V	Α	8
	75V	Α	4
	110V	Α	3
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	12
	48V	Α	11
	75V	Α	7
	110V	Α	6
	220V	A	_
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
	≤24V	Α	14
	48V	Α	14
	75V	Α	8
	110V	Α	8



	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
·	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
'	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
120 max carrent to in 200 200 mar 2/1 = 10mb mar 2 points in control	≤24V	Α	7
	48V	Α	7
	75V	A	4
	110V	A	3
	220V	A	- -
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	ZZU V		_
TEC max current le in DC3-DC3 with L/R \(\) 15ms with 3 poles in series	<241/	۸	0
	≤24V 48V	A	9
	46 V 75 V	A	9
		A	5 4
	110V	A	
150	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	40.4V.	^	
	≤24V	A	_
	48V	A	_
	75V	A	_
	110V	A	_
01 47 11 11 14 40 (150/51)000 47 4)	220V	A	_
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse	0 ((=0)		
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	Ith	W	2.6
	AC3	W	0.36
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	lbin	9



		max	Ibin	9
	s simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section		2	
		min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section		2	
		min	mm²	1.5
		max	mm²	2.5
Power terminal prote	ection according to IEC/EN 60529			IP20 when
Mechanical features				properly wired
Operating position				
Sperating position		normal		Vertical plan
		allowable		±30°
		anowable		Screw / DIN rail
ixing				35mm
Weight			g	220
Conductor section			<u> </u>	
	AWG/kcmil conductor section			
	7.17.6/1011111 0011000001	max		12
Auxiliary contact cha	racteristics			
Thermal current Ith			А	10
EC/EN 60947-5-1 d	lesignation			A600 - Q600
Operating current AC				
Operating current AC		230V	А	3
Operating current AC		230V 400V	A A	3 1.9
Operating current AC				
	C15	400V	Α	1.9
	C15	400V	Α	1.9
Operating current D0	C12	400V 500V	A A	1.9 1.4
Operating current D0	C12	400V 500V	A A	1.9 1.4
Operating current D0	C12	400V 500V 110V	A A	1.9 1.4 2.9
Operating current D0	C12	400V 500V 110V 24V	A A A	1.9 1.4 2.9 2.9
Operating current D0	C12	400V 500V 110V 24V 48V	A A A	1.9 1.4 2.9 2.9 1.4
Operating current D0	C12	400V 500V 110V 24V 48V 60V	A A A A A	1.9 1.4 2.9 2.9 1.4 1.2
Operating current D0	C12	400V 500V 110V 24V 48V 60V 110V	A A A A A	1.9 1.4 2.9 2.9 1.4 1.2 0.6
Operating current D0	C12	400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55
Operating current DO Operating current DO Operating current DO	C12	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Operating current DO Operating current DO Operating current DO	C12	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Operating current DO Operating current DO Operations Mechanical life Electrical life	C12	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	C12 C13	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A Cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DO Operating current DO Operations Mechanical life Electrical life Safety related data	C12	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A Cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DO Operating current DO Operations Mechanical life Electrical life Safety related data	C12 C13	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A Cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DO Operating current DO Operations Mechanical life Electrical life Safety related data	C12 C13 C13 S10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A Cycles cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operating current DO Operating current DO Operations Mechanical life Electrical life Safety related data Performance level B	C12 C13 C13 S10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operating current DO Operating current DO Operations Mechanical life Electrical life Safety related data Performance level B	C12 C13 C13 C10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000

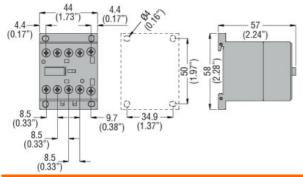


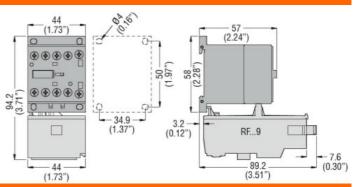
DC rated control voltage	ge			V	12
DC operating voltage	<u> </u>				
	pick-up				
			min	%Us	75
			max	%Us	115
	drop-out				
			min	%Us	10
			max	%Us	25
Average coil consump	tion ≤20°C			14.	
			in-rush	W	3.2
May avalog froguency			holding	W	3.2
Max cycles frequency Mechanical operation				cycles/h	3600
Operating times				cycles/II	3600
Average time for Us co	ontrol				
Average time for 03 co	in AC				
	11710	Closing NO			
		5.55g . 10	min	ms	12
			max	ms	21
		Opening NO			
		-	min	ms	9
			max	ms	18
		Closing NC			
			min	ms	17
			max	ms	26
		Opening NC			_
			min	ms	7
	in DC		max	ms	17
	III DC	Closing NO			
		Closing NO	min	ms	18
			max	ms	25
		Opening NO			
		. 3	min	ms	2
			max	ms	3
		Closing NC			
			min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
I II a carl a la carl a la carl			max	ms	17
UL technical data	for three where A	2 motor			
Full-load current (FLA)) for three-phase At	JIIIOTOF	c+ 400V	۸	1.0
			at 480V at 600V	A A	4.8 3.9
Yielded mechanical pe	erformance		at 000 V		J.J
nolueu medianidai pe	for single-phase	AC motor			
	ioi onigio priase i	AC IIIOIOI	110/120V	HP	0.3
			230V	HP	1
	for three-phase A	AC motor	2001		
	,		200/208V	HP	1.5
			220/230V	HP	2
			460/480V	HP	3



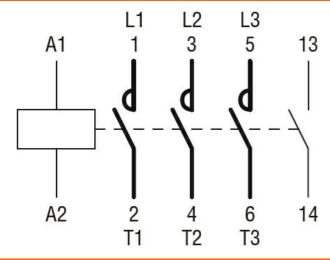
ENERGY AND AUTOMATION

General USE				
	Contactor			
		AC current	Α	16
Short-circuit protecti	ion fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of aux	xiliary 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	ction			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17 (0.17") (0.17	(2.24")	(1.73") (1	(2)	57-24")





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



electric THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 12VDC, 1NO
AUXILIARY CONTACT

ENERGY AND AUTOMATION

IEC/EN 60947-1
IEC/EN 60947-4-1
UL 60947-1
UL 60947-4-1

CCC
CULus
EAC

ETIM classification

ETIM 8.0

Certificates

EC000066 -Power contactor, AC switching

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 24VDC, 1NO AUXILIARY CONTACT



Product designation Power contactor Product type designation **BG06** Contact characteristics Nr. 3 Number of poles Rated insulation voltage Ui IEC/EN ٧ 690 k۷ Rated impulse withstand voltage Uimp 6 Operational frequency Нъ 25 min Hz 400 max IEC Conventional free air thermal current Ith 16 Α Operational current le AC-1 (≤40°C) Α 16 AC-1 (≤55°C) Α 14 AC-1 (≤70°C) Α 12 AC-3 (≤440V ≤55°C) Α 6 AC-4 (400V) 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 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 13 690V kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V Α 9 48V Α 8 75V Α 4 110V 3 Α 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V Α 12 48V Α 11 75V 7 Α 110V Α 6 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V Α 14 14 48V Α 75V Α 8 110V 8



	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
·	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
'	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
120 max carrent to in 200 200 mar 2/1 = 10mb mar 2 points in control	≤24V	Α	7
	48V	Α	7
	75V	A	4
	110V	A	3
	220V	A	- -
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	ZZU V		_
TEC max current le in DC3-DC3 with L/R \(\) 15ms with 3 poles in series	<241/	۸	0
	≤24V 48V	A	9
	46 V 75 V	A	9
		A	5 4
	110V	A	
150	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	40.4V.	^	
	≤24V	A	_
	48V	A	_
	75V	A	_
	110V	A	_
01 47 11 11 14 40 (150/51)000 47 4)	220V	A	_
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse	0 ((=0)		
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	Ith	W	2.6
	AC3	W	0.36
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	lbin	9



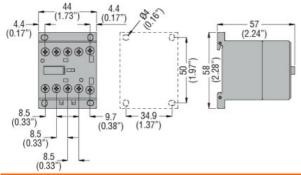
		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
	- 	max		12
	Flexible w/o lug conductor section	_		
		min	mm²	0.75
	EL 31. / L	max	mm²	2.5
	Flexible c/w lug conductor section		2	4.5
		min	mm²	1.5
	Clavible with insulated anode lug conductor postion	max	mm²	2.5
	Flexible with insulated spade lug conductor section	min	mm²	1.5
		min	mm²	2.5
		max	111111	IP20 when
Power terminal proted	ction according to IEC/EN 60529			properly wired
Mechanical features				proporty willow
Operating position				
19		normal		Vertical plan
		allowable		±30°
Finding or				Screw / DIN rail
Fixing				35mm
Weight			g	230
Conductor section				
	AWG/kcmil conductor section			
				4.0
		max		12
Auxiliary contact char	acteristics	max		12
	acteristics	max	A	10
Thermal current Ith		max	A	
Thermal current Ith IEC/EN 60947-5-1 de	esignation	max	A	10
Thermal current Ith IEC/EN 60947-5-1 de	esignation	230V	A	10
Thermal current Ith IEC/EN 60947-5-1 de	esignation	230V 400V		10 A600 - Q600 3 1.9
Thermal current lth IEC/EN 60947-5-1 de Operating current AC	esignation 15	230V	A	10 A600 - Q600
Thermal current lth IEC/EN 60947-5-1 de Operating current AC	esignation 15	230V 400V 500V	A A A	10 A600 - Q600 3 1.9 1.4
Thermal current lth 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 lth IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V	A A A	10 A600 - Q600 3 1.9 1.4
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V	A A A	10 A600 - Q600 3 1.9 1.4 2.9
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC	esignation 15	230V 400V 500V 110V 24V 48V	A A A A	10 A600 - Q600 3 1.9 1.4 2.9
Thermal current lth 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	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2
Thermal current lth 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	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6
Thermal current lth 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	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55
Thermal current lth 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	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Thermal current lth 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	10 A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC 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	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 lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC 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 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
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operating current DC Operating current DC Electrical life	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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 lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operating current DC Electrical life Safety related data	esignation 15 12 13	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operating current DC 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 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
Thermal current lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operating current DC 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 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 lth IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC Operating current DC Operating current DC Electrical life Electrical life Safety related data Performance level B1	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 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
Mirror contats accord	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 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 lth 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 B1	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 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

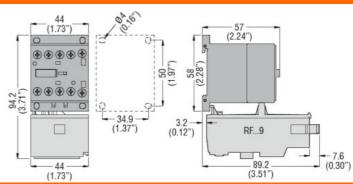
DC rated control voltage	je			V	24
DC operating voltage					
	pick-up		_	0.11	7-
			min	%Us	75 445
	drap out		max	%Us	115
	drop-out		and the	%Us	10
			min max	%Us %Us	10 25
Average coil consumpt	tion <20°C		IIIdX	/008	۷.
, wordge oon consump			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency			noranig	.,	0.2
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us co	ontrol				
-	in AC				
		Closing NO			
			min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
		0	max	ms	18
		Closing NC	•		47
			min	ms	17
		Opening NC	max	ms	26
		Opening NC	min	ms	7
			max	ms	, 17
	in DC		max	5	
	· — •	Closing NO			
		J	min	ms	18
			max	ms	25
		Opening NO			
			min	ms	2
			max	ms	3
		Closing NC			_
			min	ms	3
		On aning NO	max	ms	5
		Opening NC	min	mc	11
			min max	ms ms	17
UL technical data			IIIdX	1113	· /
	for three-phase AC mo	otor			
	p		at 480V	Α	4.8
			at 600V	Α	3.9
Yielded mechanical pe	rformance				
·	for single-phase AC n	notor			
	-		110/120V	HP	0.3
			230V	HP	1
	for three-phase AC m	otor			
			200/208V	HP	1.5
			220/230V	HP	2
			460/480V	HP	3
			575/600V	HP	3



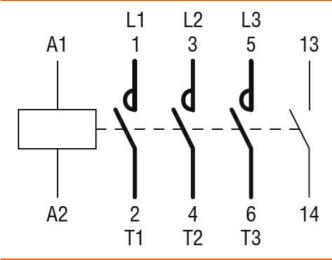
ENERGY AND AUTOMATION

General USE				
	Contactor			
		AC current	Α	16
Short-circuit protecti	on fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of aux	kiliary 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	ction			
Pollution degree				3
Dimensions				
4.4 (1.73") (0.17 (0.17") (0.17	(2.24") (2.24") (3.68 88	(1.73") (1	(2 %)	57





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



electric THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 24VDC, 1NO **AUXILIARY CONTACT**

ENERGY AND AUTOMATION

IEC/EN 60947-1 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1 CCC cULus EAC

ETIM classification

ETIM 8.0

Certificates

EC000066 -Power contactor, AC switching

0900

Product designation Power contactor Product type designation **BG06** Contact characteristics Nr. 3 Number of poles Rated insulation voltage Ui IEC/EN ٧ 690 k۷ Rated impulse withstand voltage Uimp 6 Operational frequency Нъ 25 min Hz 400 max IEC Conventional free air thermal current Ith 16 Α Operational current le AC-1 (≤40°C) Α 16 AC-1 (≤55°C) Α 14 AC-1 (≤70°C) Α 12 AC-3 (≤440V ≤55°C) Α 6 AC-4 (400V) 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 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 13 690V kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V Α 9 48V Α 8 75V Α 4 110V 3 Α 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V Α 12 48V Α 11 75V 7 Α 110V Α 6 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V Α 14 14 48V Α 75V Α 8 110V 8



	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
·	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
'	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
120 max carrent to in 200 200 mar 2/1 = 10mb mar 2 points in control	≤24V	Α	7
	48V	Α	7
	75V	A	4
	110V	A	3
	220V	A	- -
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	ZZU V		_
TEC max current le in DC3-DC3 with L/R \(\) 15ms with 3 poles in series	<241/	۸	0
	≤24V 48V	A	9
	46 V 75 V	A	9
		A	5 4
	110V	A	
150	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	40.4V.	^	
	≤24V	A	_
	48V	A	_
	75V	A	_
	110V	A	_
01 47 11 11 14 40 (150/51)000 47 4)	220V	A	_
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse	0 ((=0)		
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	Ith	W	2.6
	AC3	W	0.36
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	lbin	9



		max	lbin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section	·			
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
	•	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
D (IP20 when
Power terminal prote	ection according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	220
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chai	racteristics			
Thermal current Ith			Α	10
IEC/EN 60947-5-1 de	esignation			A600 - Q600
Operating current AC	215			
		230V	Α	3
			_	
		400V	Α	1.9
		400V 500V	A A	1.9 1.4
Operating current DC				
Operating current DC	212	500V	Α	1.4
		500V	Α	2.9
		500V 110V 24V	A A	1.4 2.9 2.9
· -		500V 110V	A A	2.9
		500V 110V 24V 48V	A A A	1.4 2.9 2.9 1.4 1.2
		500V 110V 24V 48V 60V 110V	A A A A A	1.4 2.9 2.9 1.4 1.2 0.6
		500V 110V 24V 48V 60V	A A A A	1.4 2.9 2.9 1.4 1.2
		500V 110V 24V 48V 60V 110V 125V	A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Operating current DC		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55
Operating current DC		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data	213	500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data		500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operating current DC Operations Mechanical life Electrical life Safety related data	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000 20000000
Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000

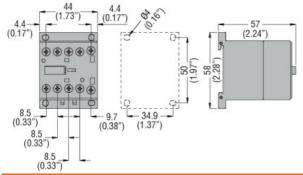


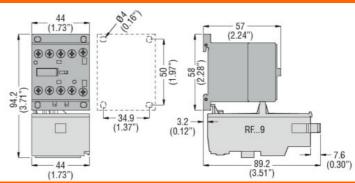
DC rated control voltage	ge			V	48
DC operating voltage					
	pick-up		min	0/116	75
			min max	%Us %Us	75 115
	drop-out		IIIdx	/003	110
	arop out		min	%Us	10
			max	%Us	25
Average coil consump	tion ≤20°C				
			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency				avala a /b	2000
Mechanical operation Operating times				cycles/h	3600
Average time for Us co	ontrol				
Average time for 03 cc	in AC				
		Closing NO			
		0 -	min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
		Ola aira a NO	max	ms	18
		Closing NC	min	ms	17
			max	ms	26
		Opening NC	max	1110	20
		5 p	min	ms	7
			max	ms	17
	in DC				
		Closing NO	_		
			min	ms	18
		Opening NO	max	ms	25
		Opening NO	min	ms	2
			max	ms	3
		Closing NC			-
		· ·	min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
III tochnical deta			max	ms	17
UL technical data Full-load current (FLA)	for three-phase	AC motor			
i dii-ioad cuitetii (FLA)	Tor unee-priase /	TO MOIOI	at 480V	Α	4.8
			at 600V	Α	3.9
Yielded mechanical pe	erformance				
,	for single-phase	e 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 575/600V	HP HP	3
			373/000V	ПГ	J



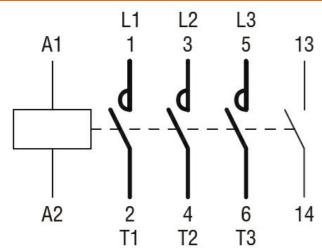
ENERGY AND AUTOMATION

General USE				
	Contactor			
		AC current	Α	16
Short-circuit protecti	ion fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of aux	xiliary 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	ction			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17 (0.17") (0.17	(2.24")	(1.73") (1	(2)	57-24")





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



electric THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 48VDC, 1NO
AUXILIARY CONTACT

ENERGY AND AUTOMATION

IEC/EN 60947-1
IEC/EN 60947-4-1
UL 60947-1
UL 60947-4-1
CCC
cULus
EAC

ETIM classification

ETIM 8.0

Certificates

EC000066 -Power contactor, AC switching

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 60VDC, 1NO AUXILIARY CONTACT



Product designation Power contactor Product type designation **BG06** Contact characteristics Nr. 3 Number of poles Rated insulation voltage Ui IEC/EN ٧ 690 k۷ Rated impulse withstand voltage Uimp 6 Operational frequency Нъ 25 min Hz 400 max IEC Conventional free air thermal current Ith 16 Α Operational current le AC-1 (≤40°C) Α 16 AC-1 (≤55°C) Α 14 AC-1 (≤70°C) Α 12 AC-3 (≤440V ≤55°C) Α 6 AC-4 (400V) 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 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 13 690V kW 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V Α 9 48V Α 8 75V Α 4 110V 3 Α 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V Α 12 48V Α 11 75V 7 Α 110V Α 6 220V Α IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V Α 14 14 48V Α 75V Α 8

110V

8



	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
·	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
'	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
120 max carrent to in 200 200 mar 2/1 = 10mb mar 2 points in control	≤24V	Α	7
	48V	Α	7
	75V	A	4
	110V	A	3
	220V	A	- -
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	ZZU V		_
TEC max current le in DC3-DC3 with L/R \(\) 15ms with 3 poles in series	<241/	۸	0
	≤24V 48V	A	9
	46 V 75 V	A	9
		A	5 4
	110V	A	
150	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	40.4V.	^	
	≤24V	A	_
	48V	A	_
	75V	A	_
	110V	A	_
01 47 11 11 14 40 (150/51)000 47 4)	220V	A	_
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse	0 ((=0)		
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	Ith	W	2.6
	AC3	W	0.36
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	lbin	9



		max	lbin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section	·			
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
	•	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
D (IP20 when
Power terminal prote	ection according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	220
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chai	racteristics			
Thermal current Ith			Α	10
IEC/EN 60947-5-1 de	esignation			A600 - Q600
Operating current AC	215			
		230V	Α	3
			_	
		400V	Α	1.9
		400V 500V	A A	1.9 1.4
Operating current DC				
Operating current DC	212	500V	Α	1.4
		500V	Α	2.9
		500V 110V 24V	A A	1.4 2.9 2.9
· -		500V 110V	A A	2.9
		500V 110V 24V 48V	A A A	1.4 2.9 2.9 1.4 1.2
		500V 110V 24V 48V 60V 110V	A A A A A	1.4 2.9 2.9 1.4 1.2 0.6
		500V 110V 24V 48V 60V	A A A A	1.4 2.9 2.9 1.4 1.2
		500V 110V 24V 48V 60V 110V 125V	A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
Operating current DC		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55
Operating current DC		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data		500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data	213	500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data		500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operating current DC Operations Mechanical life Electrical life Safety related data	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000
Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000 20000000
Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A Cycles cycles	1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1 20000000 500000

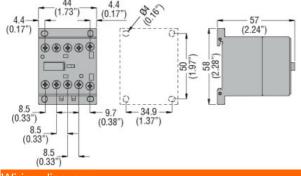


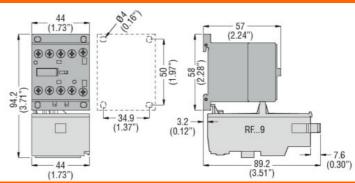
DC rated control voltage	ge			V	60
DC operating voltage					
	pick-up			0/11-	75
			min max	%Us %Us	75 115
	drop-out		IIIdx	/005	110
	drop out		min	%Us	10
			max	%Us	25
Average coil consump	tion ≤20°C				
			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency				. "	2222
Mechanical operation				cycles/h	3600
Operating times Average time for Us co	ontrol				
Average time for US Co	in AC				
	,.	Closing NO			
		g	min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
		01 : 110	max	ms	18
		Closing NC	min	mo	17
			max	ms ms	26
		Opening NC	max	1113	20
		oponing 110	min	ms	7
			max	ms	17
	in DC				
		Closing NO			
			min	ms	18
		Opening NO	max	ms	25
		Opening NO	min	ms	2
			max	ms	3
		Closing NC			
		-	min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
UL technical data			max	ms	17
Full-load current (FLA)	for three-phase	AC motor			
i an load outlight (LA)	, ioi unoc pnase /	A A MOTO	at 480V	Α	4.8
			at 600V	A	3.9
Yielded mechanical pe	erformance				
•	for single-phase	e AC motor			
			110/120V	HP	0.3
			230V	HP	1
	for three-phase	AC motor	000/000:		4.5
			200/208V	HP	1.5
			220/230V 460/480V	HP HD	2 3
			460/480V 575/600V	HP HP	3
			37 3/000 V	1.115	



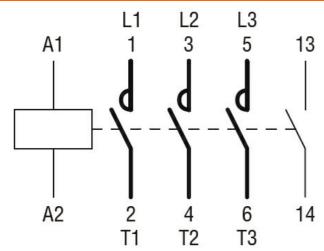
ENERGY AND AUTOMATION

General USE				
	Contactor			
		AC current	Α	16
Short-circuit protectio	n fuse, 600V			
	High fault			
	· ·	Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of auxil	liary contacts according to UL	<u> </u>		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 & Protecti	ion			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17") (0.17") (0.17") (0.17")	57 (2.24")	44 (1.73") (**) (**) (**)	(2	57





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



electric THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 60VDC, 1NO
AUXILIARY CONTACT

ENERGY AND AUTOMATION

	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







Product designation Product type designation			Power contactor BG06
Contact characteristics			2000
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	16
Operational current le			
	AC-1 (≤40°C)	Α	16
	AC-1 (≤55°C)	Α	14
	AC-1 (≤70°C)	Α	12
	AC-3 (≤440V ≤55°C)	Α	6
	AC-4 (400V)	Α	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
	690V	kW	3
Rated operational power AC-1 (T≤40°C)			
	230V	kW	6
	400V	kW	10
	500V	kW	13
	690V	kW	18
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	Α	9
	48V	Α	8
	75V	Α	4
	110V	Α	3
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	12
	48V	Α	11 _
	75V	Α	7
	110V	A	6
150	220V	Α	-
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		_	
	≤24V	Α	14
	48V	Α	14
	75V	A	8
	110V	Α	8





	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	_
	48V	Α	_
	75V	A	_
	110V	A	_
			_
150	220V	A	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series		_	
	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
·	≤24V	Α	7
	48V	Α	7
	75V	Α	4
	110V	A	3
150 DOS DOS WILLIAM WAS A STATE OF THE STATE	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	≤24V	Α	9
	48V	Α	9
	75V	Α	5
	110V	Α	4
	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	Α	_
	48V	A	_
	75V	A	
	110V		_
		A	_
01 11 11 11 11 11 11 11 11 11 11 11 11 1	220V	A	
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse			
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)	030 V	mΩ	10
		11177	10
Power dissipation per pole (average value)	1.1	147	0.0
	Ith	W	2.6
	AC3	W	0.36
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	9
	max	lbin	9
Tightening torque for coil terminal			
2 ··· ·· ·· · · · · · · · · · · · · · ·	min	Nm	0.8
	max	Nm	1
	min	lbin	9





		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section	ANAIO/I/C II			
	AWG/Kcmil			40
	Florible wie live conductor costice	max		12
	Flexible w/o lug conductor section	min	mm²	0.75
		min	mm² mm²	0.75 2.5
	Flexible c/w lug conductor section	max	111111	2.0
	r lexible c/w lug corrudctor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section		111111	2.0
	r lexible with insulated space lag 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				
. 51		normal		Vertical plan
		allowable		±30°
Elizio e				Screw / DIN rail
Fixing				35mm
Weight			g	214
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact char	racteristics			
Thermal current Ith			Α	10
	esignation		A	10 A600 - Q600
IEC/EN 60947-5-1 de	·		Α	
IEC/EN 60947-5-1 de	·	230V	A	
IEC/EN 60947-5-1 de	·	230V 400V		A600 - Q600
IEC/EN 60947-5-1 de	·		A	A600 - Q600 3
IEC/EN 60947-5-1 de Operating current AC	15	400V	A A	A600 - Q600 3 1.9
IEC/EN 60947-5-1 de Operating current AC	212	400V	A A	A600 - Q600 3 1.9
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V	A A A	A600 - Q600 3 1.9 1.4
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V 110V 24V	A A A	A600 - Q600 3 1.9 1.4
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V 110V 24V 48V	A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V 110V 24V 48V 60V	A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V 110V 24V 48V 60V 110V	A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6
IEC/EN 60947-5-1 de Operating current AC Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55
IEC/EN 60947-5-1 de Operating current AC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3
IEC/EN 60947-5-1 de Operating current AC Operating current DC Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55
Operating current DC Operating current DC Operating current DC Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data	212	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A Cycles	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
Operating current DC Operations Mechanical life Electrical life Safety related data	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A Cycles	A600 - Q600 3 1.9 1.4 2.9 2.9 1.4 1.2 0.6 0.55 0.3 0.1
Operating current DC Operations Mechanical life Electrical life Safety related data	10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A Cycles cycles	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
Operating current DC Operating current DC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A Cycles cycles	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
Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B	10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A Cycles cycles	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 500000

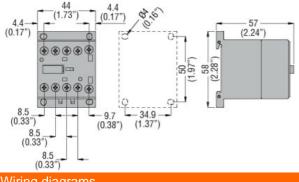


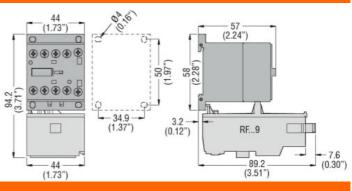


DC operating voltage pick-up min max 75 max	DC rated control voltag	le			V	110
Pick-up Pic					<u> </u>	
Max	, ,	pick-up				
Average coil consumption ≤20°C Section				min	%Us	75
Min				max	%Us	115
Average coil consumption ≤20°C Average coil consumption ≤20°C in-rush holding W 3.2 www 3.2		drop-out				
Average coil consumption ≤20°C in-rush holding W 3.2 hold				min		
In-rush oldring W 3.2 In-rush oldring M M M 12 In-rush oldring M M M M 12 In-rush oldring M M M M M M M In-rush oldring M M M M M In-rush oldring M M M M M M In-rush oldring M M M M M M In-rush oldring M M M M M In-rush oldring M M M M M M In-rush oldring M M M M M In-rush oldring M M M In-rush oldring M M M In-rush oldring M M In-rush oldring M M M In-rush oldring M M In-rush oldring M M In-rush oldring M M In-rush oldring				max	%Us	25
Max cycles frequency	Average coil consumpt	ion ≤20°C		2	147	0.0
Max cycles frequency cycles/h 3600 Operating times Average time for Us control in AC min ms 12 max ms 21 Opening NO min ms 9 max ms 18 21 Closing NC min ms 9 max ms 18 18 Closing NC min ms 17 max ms 26 26 Opening NC min ms 7 max ms 17 17 in DC min ms 18 max ms 25 25 Opening NO min ms 18 max ms 25 25 Opening NO min ms 3 max ms 3 3 Closing NC min ms 3 max ms 5 3 Opening NC min ms 3 max ms 5 3 Utechnical data max ms 17 110/120V MP 33 Full-load current (FLA) for three-phase AC motor at 480V A 4.8 at 600V A 3.9 4.8 at 600V A 3.9 Yielded mechanical performance for single-phase AC motor 1110/120V MP 5.3 30V MP 5.3 Total performance for single-phase AC motor 1110/120V MP 5.3 30V MP 5.3						
Mechanical operation	May evelor frequency			nolaing	VV	3.2
Closing NO					cycles/h	3600
Average time for Us control in AC Closing NO min ms 12 max ms 21 Opening NO min ms 9 max ms 18 Closing NC min ms 17 max ms 26 Opening NC min ms 77 max ms 17 max ms 17 max ms 17 max ms 26 Opening NC min ms 77 max ms 17 max ms 26 Opening NC min ms 77 max ms 17 in DC Closing NO min ms 18 max ms 25 Opening NO min ms 18 max ms 25 Opening NO min ms 18 max ms 3 Closing NO min ms 18 max ms 5 Opening NO min ms 2 max ms 5 Opening NO min ms 3 max ms 5 Opening NC min ms 11 max ms 5 Opening 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 AC motor					Cycles/11	3000
in AC Closing NO min ms 12 max ms 21 Opening NO min ms 9 max ms 18 Closing NC min ms 17 max ms 26 Opening NC min ms 7 max ms 26 Opening NC min ms 77 max ms 17 in DC Closing NO Closing NO min ms 18 max ms 25 Opening NO min ms 2 max ms 3 Closing NO min ms 18 max ms 5 Opening NO min ms 18 max ms 5 Opening NO min ms 18 max ms 5 UL technical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Full-load current (FLA) for three-phase AC motor Tultechnical data Tultechnical data Full-load current (FLA) for three-phase AC motor		ntrol				
Closing NO	7.1.0.agooo 00 00					
Opening NO		-	Closing NO			
Opening NO			Ŭ	min	ms	12
Closing NC				max	ms	
Closing NC			Opening NO			
Closing NC						
Opening NC Min Min				max	ms	18
Opening NC			Closing NC			
Opening NC						
Min ms 7 ms 17 max ms 17 ms 17 max ms 17 ms 17 ms 18 max ms 25 max ms 25 max ms 25 max ms 3 ms 3 max ms 3 max ms 5 max ms 5 max ms 17 ms 11 max ms 17 ms 11 max ms 17 ms 11 max ms 17 ms			On anin a NO	max	ms	26
Max			Opening NC	min	me	7
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 3 max ms 5 Opening NC min ms 11 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 4.8 at 600V A 3.9 Yielded mechanical performance for single-phase AC motor 110/120V HP 0.3 230V HP 1						
Closing NO		in DC		max	1110	. ,
Min max 18 max ms 25 max ms 3 max ms 3 max ms 5 max ms 5 max ms 11 max ms 17 max ms 18 max ms 17 max ms 17 max ms 18 max ms 17 max		20	Closing NO			
Opening NO min ms 2			overing vie	min	ms	18
Min ms 2 max ms 3 Min ms 2 max ms 3 Min ms 2 max ms 3 Min ms 3 max ms 5 Min max ms 5 Min max ms 5 Min max ms 11 max ms 17 Min				max	ms	
Closing NC min ms 3 max ms 3 max ms 3 max ms 5 max ms 5 max ms 11 max ms 17 max ms 18 max ms			Opening NO			
Closing NC				min	ms	
Opening NC Min ms 5 5 5 5 5 5 5 5 5				max	ms	3
Opening NC Max Max			Closing NC			_
Opening NC min ms 11 max ms 17						
min ms 11 max ms 17			On anim NIC	max	ms	5
Max ms 17			Opening NC	min	mo	11
UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 4.8 at 600V A 3.9 Yielded mechanical performance To single-phase AC motor To single-phase AC motor To single-phase AC motor 110/120V HP 0.3 230V HP 1						
Full-load current (FLA) for three-phase AC motor at 480V A 4.8 at 600V A 3.9 Yielded mechanical performance for single-phase AC motor 110/120V HP 0.3 230V HP 1	Ul technical data			ınax	1115	1 /
at 480V A at 600V A 3.9 Yielded mechanical performance for single-phase AC motor 110/120V HP 0.3 230V HP 1		for three-phase AC m	otor			
Yielded mechanical performance for single-phase AC motor 110/120V HP 0.3 230V HP 1		55 pridoo 710 II		at 480V	Α	4.8
Yielded mechanical performance for single-phase AC motor 110/120V HP 0.3 230V HP 1						
for single-phase AC motor 110/120V HP 0.3 230V HP 1	Yielded mechanical pe	rformance				
110/120V HP 0.3 230V HP 1	•		motor			
				110/120V	HP	0.3
for three-phase AC motor				230V	HP	1
		for three-phase AC r	motor			
200/208V HP 1.5						
220/230V HP 2						
460/480V HP 3						
575/600V HP 3				5/5/600V	HP	3

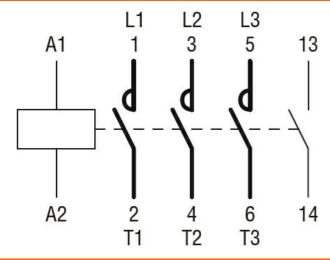


General USE				
	Contactor			
		AC current	Α	16
Short-circuit protecti	on fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of aux	kiliary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	+70
	Storage temperature			
		min	°C	-60
		max	°C	+80
Max altitude			m	3000
Resistance & Proted	ction			
Pollution degree				3
Dimensions				
4.4— (0.17") (0.17 (0.17") (0.17")	(2.24")	(1.73") (1.73") (1.73") (1.73") (1.73") (1.73")	(2	57





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 110VDC, 1NO AUXILIARY CONTACT

	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







Number of poles Nr. 3	Product designation Product type designation			Power contactor BG06
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Operational frequency min Hz 25 iEC Conventional free air thermal current Ith A 16 Operational current Ie AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 12 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 440V kW 2.2 415V kW 2.4 444V kW 2.5 500V kW 3 690V kW 1.5 400V kW 1.5 400V kW 1.5 400V kW 2.2 44V 44V kW 2.2 44V	,, ,			
Rated impulse withstand voltage Ulmp	Number of poles		Nr.	3
Disperational frequency	Rated insulation voltage Ui IEC/EN		V	690
Min Hz 25 max Hz 400 EC Conventional free air thermal current lth	Rated impulse withstand voltage Uimp		kV	6
IEC Conventional free air thermal current Ith	Operational frequency			
EC Conventional free air thermal current Ith Operational current Ie AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 6 AC-3 (≤440∨ ≤55°C) A 6 AC-4 (400∨) A 3.3 AC-4 (400∨) A 3.3 AC-4 (400∨) A 3.3 AC-4 (400∨) A AC-4 (400∨) AC-4 (400∨)		min	Hz	25
Operational current le AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤70°C) A 12 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 415V kW 2.4 440V kW 2.5 500V kW 3 3 690V kW 3 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 6 40V kW 10 500V kW 13 690V kW 18 18 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 9 4 48V A 11 75V A 7 110V A 6 220V A - 220V A - - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 12 48V A 11 75V A 6 75V A 8		max	Hz	400
AC-1 (≤40°C) A 16 AC-1 (≤55°C) A 14 AC-1 (≤55°C) A 12 AC-1 (≤70°C) A 12 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 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V 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 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 7 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	IEC Conventional free air thermal current Ith		Α	16
AC-1 (S55°C)	Operational current le			
AC-1 (≤70°C)		AC-1 (≤40°C)	Α	16
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 690V kW 3 Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 13 690V 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 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 7 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		AC-1 (≤55°C)	Α	14
AC-4 (400V)		AC-1 (≤70°C)	Α	12
Rated operational power AC-3 (T≤55°C) 230V kW 1.5 400V kW 2.2 415V kW 2.4 4440V kW 2.5 500V kW 3 690V kW 3 690V kW 10 500V 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 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 12 48V A 11 75V A 7 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		AC-3 (≤440V ≤55°C)	Α	6
230V kW 1.5 400V kW 2.2 415V kW 2.4 446V kW 2.5 500V kW 3 690V kW 3 690V kW 3 8 690V kW 3 690V kW 10 500V kW 13 690V kW 18		AC-4 (400V)	Α	3.3
400V kW 2.2 415V kW 2.4 440V kW 2.5 500V kW 3 690V kW 3 690V kW 3 690V kW 3 690V kW 10 600V kW 13 690V kW 18 600V kW 10 600V	Rated operational power AC-3 (T≤55°C)			
A15V kW 2.4 440V kW 2.5 500V kW 3 690V kW 10 500V kW 13 690V kW 18 690V		230V	kW	1.5
A40V kW 2.5 500V kW 3 690V kW 10 690V kW 10 690V kW 13 690V kW 18 690V k		400V	kW	2.2
Soov kW 3 690V kW 3 8 8 8 8 8 8 8 8 8		415V	kW	2.4
Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V kW 13 690V kW 18 18 18 18 18 18 19 19		440V	kW	2.5
Rated operational power AC-1 (T≤40°C) 230V kW 6 400V kW 10 500V 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 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 7 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 12 48V A 11 75V A 7 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		500V	kW	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		690V	kW	3
A00V kW 10 500V kW 13 690V kW 18	Rated operational power AC-1 (T≤40°C)			
Soov kW 13 690V kW 18 18 18 18 18 18 18 18			kW	6
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series S24V A 9 48V A 8 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 11 75V A 7 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series S24V A 14 48V A			kW	
Section Sec				
		690V	kW	18
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
T5V A 4 110V A 3 220V A -			Α	9
110V A 3 220V A -			Α	
EC max current le in DC1 with L/R \leq 1ms with 2 poles in series \leq 24V A 12 48V A 11 75V A 7 110V A 6 220V A -				
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 12 48V A 11 75V A 7 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 14 48V A 14 75V A 8			Α	3
		220V	Α	_
	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $ \leq 24V \qquad A \qquad 14 \\ 48V \qquad A \qquad 14 \\ 75V \qquad A \qquad 8 $				
≤24V A 14 48V A 14 75V A 8	150 ALL DOL WILLD AND AND AND AND AND AND AND AND AND AN	220V	Α	_
48V A 14 75V A 8	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		_	
75V A 8				
110V A 8				
		110V	Α	8





	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	_
	48V	Α	_
	75V	A	_
	110V	A	_
			_
150	220V	A	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series		_	
	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
·	≤24V	Α	7
	48V	Α	7
	75V	Α	4
	110V	A	3
150 DOS DOS WILLIAM WAS A STATE OF THE STATE	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	≤24V	Α	9
	48V	Α	9
	75V	Α	5
	110V	Α	4
	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	Α	_
	48V	A	_
	75V	A	
	110V		_
		A	_
01 11 11 11 11 11 11 11 11 11 11 11 11 1	220V	A	
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse			
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)	030 V	mΩ	10
		11177	10
Power dissipation per pole (average value)	1.1	147	0.0
	Ith	W	2.6
	AC3	W	0.36
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	9
	max	lbin	9
Tightening torque for coil terminal			
2 ··· ·· ·· · · · · · · · · · · · · · ·	min	Nm	0.8
	max	Nm	1
	min	lbin	9



		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			4.0
	Fig. 21. Land Communication of the communication of	max		12
	Flexible w/o lug conductor section			0.75
		min	mm² mm²	0.75 2.5
	Flexible c/w lug conductor section	max	111111	2.5
	Flexible C/W lug colludctor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			2.0
	Tioxible with inculated opace ray contactor coolien	min	mm²	1.5
		max	mm²	2.5
				IP20 when
Power terminal protect	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	222
Conductor section				
	AWG/kcmil conductor section			
				40
		max		12
Auxiliary contact chara	acteristics	max	·	
Thermal current Ith		max	A	10
Thermal current Ith IEC/EN 60947-5-1 de	esignation	max	A	
Thermal current Ith	esignation			10 A600 - Q600
Thermal current Ith IEC/EN 60947-5-1 de	esignation	230V	A	10 A600 - Q600
Thermal current Ith 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
Thermal current Ith 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	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 500V 110V	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 48V	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 48V 60V	A A A A A	10 A600 - Q600 3 1.9 1.4 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	10 A600 - Q600 3 1.9 1.4 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	A A A A A	10 A600 - Q600 3 1.9 1.4 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 125V	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
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	10 A600 - Q600 3 1.9 1.4 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 220V	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
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC 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	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 Operating current DC Mechanical life	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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
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	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
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	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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
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 12 13 Od 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 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 Operating current DC Electrical life Electrical life Safety related data Performance level B1	esignation 12 13 Od 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 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	esignation 12 13 Od 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 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 500000



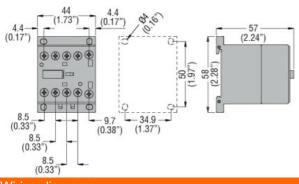


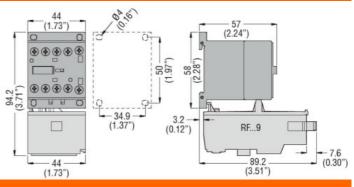
max %Us drop-out min %Us max max max ms max ms ms ms ms ms ms ms m	75 115 10 25 3.2 3.2 3600
min max %Us max %Us drop-out min ms max Mus max	115 10 25 3.2 3.2 3600
drop-out drop-out min %Us max %Us min %Us max %Us max %Us Max cycles coil consumption ≤20°C in-rush holding W Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	115 10 25 3.2 3.2 3600
drop-out min %Us max %Us Average coil consumption ≤20°C in-rush wo holding W Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	10 25 3.2 3.2 3600
Min min max %Us max Average coil consumption ≤20°C in-rush holding W Max cycles frequency W Mechanical operation cycles/h Operating times Closing NO min ms ms max ms Opening NO Opening NO	25 3.2 3.2 3600
Average coil consumption ≤20°C in-rush W holding W Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	3.2 3.2 3600
Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	3.2 3600
Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	3.2 3600
Max cycles frequency Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	3600 12
Mechanical operation cycles/h Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	12
Operating times Average time for Us control in AC Closing NO min ms max ms Opening NO	12
Average time for Us control in AC Closing NO min ms max ms Opening NO	
Closing NO min ms max ms Opening NO	
min ms max ms Opening NO	
max ms Opening NO	
Opening NO	21
	- '
11111 1115	9
	18
Closing NC	. •
	17
	26
Opening NC	_
	7 17
in DC	17
Closing NO	
	18
	25
Opening NO	
	2
max ms Closing NC	3
	3
	5
Opening NC	
min ms	11
	17
UL technical data	
Full-load current (FLA) for three-phase AC motor at 480V A	4.8
	3.9
Yielded mechanical performance	<u>- • • </u>
for single-phase AC motor	
	0.3
	1
for three-phase AC motor	4.5
	1.5 2
	3
	3

ENERGY AND AUTOMATION

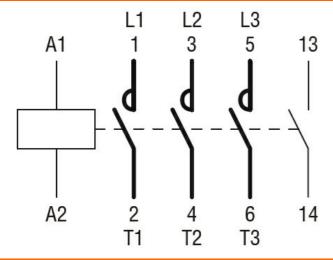
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 220VDC, **1NO AUXILIARY CONTACT**

General USE				
	Contactor			
		AC current	Α	16
Short-circuit protect	ion fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
	xiliary 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	ction			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17") (0.17") (0.17")	47") \$ 6 (2.24")	(1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73") (1.73")	(2	57





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 220VDC, **1NO AUXILIARY CONTACT**

	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







Product designation			Power contactor BG06
Product type designation Contact characteristics			ВСОО
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
operational modules,	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	16
Operational current le			_
•	AC-1 (≤40°C)	Α	16
	AC-1 (≤55°C)	Α	14
	AC-1 (≤70°C)	Α	12
	AC-3 (≤440V ≤55°C)	Α	6
	AC-4 (400V)	Α	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
	690V	kW	3
Rated operational power AC-1 (T≤40°C)	2001		
	230V	kW	6
	400V	kW	10
	500V 690V	kW	13 18
IEC may current to in DC1 with L/D < 1 mg with 1 notes in series	090 V	kW	10
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	≤24V	۸	0
	≤24∨ 48V	A A	9 8
	75V	A	4
	110V	A	3
	220V	A	-
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	12
	48V	Α	11
	75V	Α	7
	110V	Α	6
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
·	≤24V	Α	14
	48V	Α	14
	75V	Α	8
	110V	Α	8





	220V	Α	1
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	_
	48V	Α	_
	75V	A	_
	110V	A	_
			_
150	220V	A	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series		_	
	≤24V	Α	6
	48V	Α	5
	75V	Α	2
	110V	Α	1
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
·	≤24V	Α	7
	48V	Α	7
	75V	Α	4
	110V	A	3
150 DOS DOS WILLIAM WAS A STATE OF THE STATE	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	≤24V	Α	9
	48V	Α	9
	75V	Α	5
	110V	Α	4
	220V	Α	0,5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	Α	_
	48V	A	_
	75V	A	
	110V		_
		A	_
01 11 11 11 11 11 11 11 11 11 11 11 11 1	220V	A	
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse			
	gG (IEC)	Α	16
	aM (IEC)	Α	6
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	Α	72
	500V	Α	72
	690V	Α	72
Resistance per pole (average value)	030 V	mΩ	10
		11177	10
Power dissipation per pole (average value)	1.1	147	0.0
	Ith	W	2.6
	AC3	W	0.36
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	9
	max	lbin	9
Tightening torque for coil terminal			
2 ··· ·· ·· · · · · · · · · · · · · · ·	min	Nm	0.8
	max	Nm	1
	min	lbin	9





		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			40
	Electrical de la constantina della constantina d	max		12
	Flexible w/o lug conductor section			0.75
		min	mm²	0.75 2.5
	Flexible c/w lug conductor section	max	mm²	2.5
	Flexible C/W lug colludctor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section		111111	2.0
	Tioxible with inculated opade tag conductor coolien	min	mm²	1.5
		max	mm²	2.5
				IP20 when
Power terminal protect	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	220
Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chara	acteristics	max		
Thermal current Ith		max	А	10
Thermal current Ith IEC/EN 60947-5-1 de	esignation	max	A	
Thermal current Ith	esignation			10 A600 - Q600
Thermal current Ith IEC/EN 60947-5-1 de	esignation	230V	A	10 A600 - Q600
Thermal current Ith 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
Thermal current Ith 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	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 500V 110V	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 48V	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 48V 60V	A A A A A	10 A600 - Q600 3 1.9 1.4 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	10 A600 - Q600 3 1.9 1.4 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	A A A A A	10 A600 - Q600 3 1.9 1.4 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 125V	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
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	10 A600 - Q600 3 1.9 1.4 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 220V	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
Thermal current Ith IEC/EN 60947-5-1 de Operating current AC Operating current DC 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	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 Operating current DC Mechanical life	esignation 15	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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
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	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
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	230V 400V 500V 110V 24V 48V 60V 110V 125V 220V	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
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 Od 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 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 Operating current DC Electrical life Electrical life Safety related data Performance level B1	esignation 15 12 13 Od 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 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 Operating current DC Electrical life Electrical life Safety related data Performance level B1	esignation 12 13 Od 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 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 500000



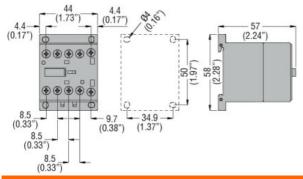


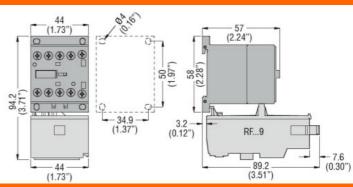
DC rated control volta	ge			V	125
DC operating voltage	minic ···				
	pick-up		min	%Us	75
			max	%Us	115
	drop-out		THEX.	7000	110
	·		min	%Us	10
			max	%Us	25
Average coil consump	tion ≤20°C				
			in-rush	W	3.2
Max cycles frequency			holding	W	3.2
Mechanical operation				cycles/h	3600
Operating times				Cyclc3/11	3000
Average time for Us c	ontrol				
· ·	in AC				
		Closing NO			
			min	ms	12
		0 : 1:0	max	ms	21
		Opening NO		~	0
			min max	ms ms	9 18
		Closing NC	IIIdx	1113	10
		Sissing Its	min	ms	17
			max	ms	26
		Opening NC			
			min	ms	7
			max	ms	17
	in DC	Clasina NO			
		Closing NO	min	ms	18
			max	ms	25
		Opening NO			
		, ,	min	ms	2
			max	ms	3
		Closing NC			
			min	ms	3
		Opening NC	max	ms	5
		Opening NC	min	ms	11
			max	ms	17
UL technical data			HIGA	5	
Full-load current (FLA) for three-phase	AC motor			
			at 480V	Α	4.8
			at 600V	Α	3.9
Yielded mechanical pe		10			
	for single-phas	se AC motor	440/400\/	UD	0.3
			110/120V 230V	HP HP	0.3 1
	for three-phase	e AC motor	2301	ПГ	1
	101 111100 01100	5 / LO 1110101			
			200/208V	HP	1.5
			200/208V 220/230V	HP HP	1.5 2

ENERGY AND AUTOMATION

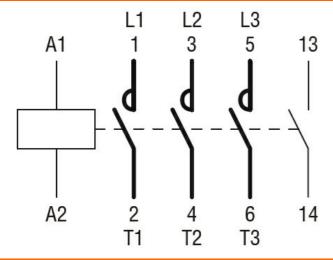
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 125VDC, **1NO AUXILIARY CONTACT**

General USE				
Co	ontactor			
		AC current	Α	16
Short-circuit protection fus	e, 600V			
Hi	gh fault			
		Short circuit current	kA	100
		Fuse rating	Α	30
		Fuse class		J
Sta	andard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of auxiliary of	contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
Op	perating temperature			
		min	°C	-50
		max	°C	+70
St	orage temperature			
		min	°C	-60
		max	°C	+80
Max altitude			m	3000
Resistance & Protection				
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17") (0.17")	(2.24")	(1.73")	(2	57





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 6A, DC COIL, 125VDC, 1NO AUXILIARY CONTACT

	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