



Product designation			Power contactor
Product type designation			BG06
Contact characteristics			
Number of poles		nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			0.5
	min	Hz	25
IFO Commentional from a single annual assessment life	max	Hz	400
IEC Conventional free air thermal current Ith		Α	16
Operational current le	AO 4 (440°O)		400
	AC-1 (≤40°C)	A	160
	AC-3 (≤440V ≤55°C)	A	6
Detect on antique to a constant of the constan	AC-4 (400V)	A	3.3
Rated operational power AC-3 (T≤55°C)	0001		4 =
	230V	kW	1.5
	400V	kW	2.2
	415V	kW	2.4
	440V	kW	2.5
	500V	kW	3
D. I. I	690V	kW	3
Rated operational power AC-1 (T≤40°C)	2001/		
	230V	kW	6
	400V	kW	10
	500V	kW	13
IFO	690V	kW	18
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	40 AV /		
	≤24V	A	9
	48V	A	8
	75V	A	4
	110V	A	3
IFC may appear to in DC4 with L/D < 4 may with 2 males in paries	220V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	204) /	۸	40
	≤24V	A	12
	48V	A	11
	75V	A	7
	110V 220V	A	6
IFC many assert to in DC4 with L/D < 4 man with 2 males in parisa	Z2UV	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	2011	Λ	4.4
	≤24V	A	14
	48V	A	14
	75V	A	8
	110V 220V	A	8
IEC may current to in DC1 with L/B < 1mc with 4 notes in series	2200	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			
	≤24V	Α	7
	48V	A	7
	75V	Α	4
	110V	A	3
	220V	A	- -
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	220 V		
TEC max current le in DC3-DC3 with L/N 2 13ms with 3 poles in series	<24\/	۸	0
	≤24V	A	9
	48V	A	9
	75V	A	5
	110V	A	4
150 DOO DOE 111 L/D 445 111 4 1 1 1	220V	Α	0.5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series		_	
	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	_
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)		mΩ	10
Power dissipation per pole (average value)			
, , , , , ,	Ith	W	2.6
	AC3	W	0.36
Tightening torque for terminals			
5 · · · · · · · · · · · · · · · · · · ·	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.59
	max	Ibin	0.74
Tightening torque for coil terminal	παχ	10111	U.1 T
rightening torque for contentinal	min	Nm	0.8
		Nm	0.8 1
	max		
	min	lbft lbft	0.8
May number of uiroe simultanas and a same stable	max	Ibft	0.74
Max number of wires simultaneously connectable		nr.	2



ENERGY AND AUTOMATION

Conductor section			
	Flexible w/o lug conductor section		
	mir		0.75
	max	mm²	2.5
	Flexible c/w lug conductor section		
	mir	mm²	1.5
	max	mm²	2.5
	Flexible with insulated spade lug conductor section		
	mir	mm²	1.5
	max	mm²	2.5
Power terminal protec	tion according to IEC/EN 60529		IP20 when wired
Mechanical features			
Operating position			
operaning promon	norma		Vertical plan
	allowable		±30°
	allowable	,	Screw / DIN rail
Fixing			35mm
Weight		g	218
Auxiliary contact chara	acteristics		
Type of contact			1 NC
Thermal current Ith		Α	10
IEC/EN 60947-5-1 des	signation		A600 - Q600
Operating current AC1			7.000 4000
Operating current 7.0	230\	′ A	3
	400\		1.9
0	500\	<u> </u>	1.4
Operating current DC1		, ,	0.0
	110\	' A	2.9
Operating current DC1			
	24\		2.9
	48\		1.4
	60\		1.2
	110\	′ A	0.6
	125\	′ A	0.55
	220\	′ A	0.3
	600\	′ A	0.1
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	500000
Safety related data		0,0.00	000000
	0d according to EN/ISO 13489-1		
i enomiance level DI	rated load	ا میمامد	E00000
		,	500000
NAC CONTRACTOR	mechanical load	cycles	20000000
	ng to IEC/EN 609474-4-1		yes
EMC compatibility			Yes
DC coil operating			
DC rated control voltage	ge	V	12
DC operating voltage			
	pick-up		
	mir	%Us	75
	max		115
	drop-out		
	mir	%Us	10



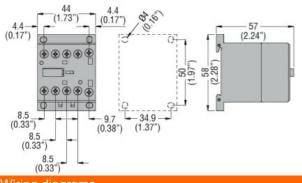
electric	Stycznik 3 polowy, 6A w AC3, wbudowany
ENERGY AND AUTOMATION	

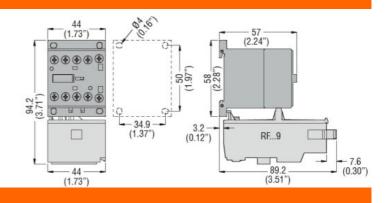
			max	%Us	25
Average coil consumpt	tion ≤20°C				
			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency					
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us co	ontrol				
· ·	in AC				
		Closing NO			
		· ·	min	ms	12
			max	ms	21
		Opening NO			
		, ,	min	ms	9
			max	ms	18
		Closing NC			-
		5.55g	min	ms	17
			max	ms	26
		Opening NC	max	.	
		opoliing ito	min	ms	7
			max	ms	, 17
	in DC		тах	1110	11
	50	Closing NO			
		Glosling 140	min	ms	18
			max	ms	25
		Opening NO	max	1113	20
		Opening 140	min	ms	2
			max	ms	3
		Closing NC	max	1110	· ·
		Glosling 140	min	ms	3
			max	ms	5
		Opening NC	max	1113	3
		Opening 140	min	ms	11
			max	ms	17
UL technical data			тисх	1110	
Full-load current (FLA)	for three-phase	AC motor			
. a load odilolit (i LA)	io. unos priaso i	, to motor	at 480V	Α	4.8
			at 600V	A	3.9
Yielded mechanical pe	rformance		u. 000 v	,,	
riciaca mediamoai pe	for single-phase	e AC motor			
	ioi sirigio-priasi	o , to motor	110/120V	HP	0.3
			230V	HP	1
	for three-phase	ΔC motor	230 V	(11	1
	ioi iiiiee-piiase	AC IIIOIOI	200/208V	HP	1.5
			200/208V 220/230V	HP	
			460/480V	HP	2
			575/600V	HP	3
General USE			373/0007	CIF.	5
General USE	Contactor				
	Contactor		A O	۸	10
Oliver design	(000)/		AC current	Α	16
Short-circuit protection					
	High fault				100
			Short circuit current	kA	100
			Fuse rating	Α	30



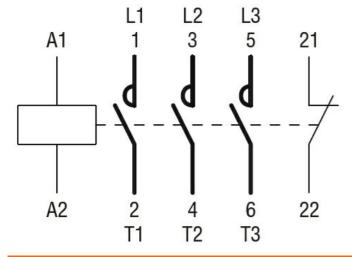
		F		
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	Α	30
Contact rating of auxilia	ary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	+70
	Storage temperature			
		min	°C	-60
		max	°C	+80
Max altitude		<u> </u>	m	3000
Resistance & Protection	on			
Pollution degree				3

Dimensions





Wiring diagrams



Certifications and compliance

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Com	nı	ıar	ഫ
\sim	\sim	ıuı	-

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





Stycznik 3 polowy, 6A w AC3, wbudowany zestyk 1NC, 12VDC

EAC

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching