



General characteristics

Number of poles	Nr.	3
Overvoltage category		III
Pollution degree		3
Frontal IP degree		IP20
Type of release		Thermal
Protection fuse	aM (IEC)	A 0.25
Phase failure detection		yes
Reset mode		Manual

Power circuit characteristics

Rated insulation voltage Ui IEC/EN	V	690
Rated impulse withstand voltage Uimp	kV	8
Rated operational voltage	V	690
Operational frequency	min max	Hz Hz 0 400
Operational current Ie	Operational current min Operational current max	A A 0.09 0.15
Tripping class		10A
Test Button		Yes
Trip indicator		yes
Terminals	type screw width tool	screw and washer M4 9.8 Phillips 2

Tightening torque for terminals

	min max	Nm Nm 2.3 2.3
	min max	lbin lbin 1.7 1.7

Conductor section

	AWG/kcmil max	10
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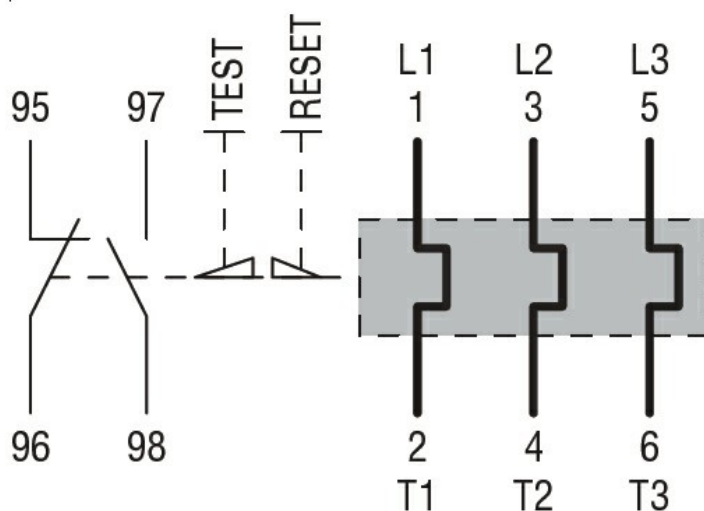
Auxiliary circuit characteristics

Auxiliary contacts	NO NC	Nr. Nr. 1 1
Auxiliary Rated insulation voltage Ui IEC/EN	V	690
Auxiliary Rated impulse withstand voltage Uimp	kV	6
Auxiliary Rated operational voltage	V	690
Operating current AC15	24V A	3

	120V	A	3
	240V	A	1.5
	380V	A	0.95
	480V	A	0.75
	500V	A	0.72
	600V	A	0.6
Operating current DC13			
	125V	A	0.11
	600V	A	0.22
IEC Conventional free air thermal current I _{th} ≤ 40°C			
		A	10
Terminals			
	Auxiliary circuit type		screw and washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 1
Conductor section			
	Auxiliary circuit Flexible w/o lug max	mm ²	2.5
	Auxiliary circuit Flexible c/w lug max	mm ²	2.5
Tightening torque for terminals			
	Auxiliary circuit min	Nm	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	lbin	0.74
	Auxiliary circuit max	lbin	0.74
UL/CSA and IEC/EN 60947-5-1 designation			
			B600-P600
Ambient conditions			
Operating temperature			
	min	°C	-20
	max	°C	55
Storage temperature			
	min	°C	-55
	max	°C	70
Compensation temperature			
	min	°C	-15
	max	°C	55
Max altitude			
		m	3000
Mechanical features			
Operating position			
	normal allowable		Vertical plan ±30°
Fixing			
			Direct mounting on BG06... BG09... BG12...
Weight			
		g	116
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	A	0.15
	at 600V	A	0.15
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-4-1

UL508

Certifications

CCC

CSA

cULus

EAC

ETIM classification

ETIM 8.0

EC000106 -
Thermal overload
relay