



### 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 $U_i$ IEC/EN	V	690
Rated impulse withstand voltage $U_{imp}$	kV	8
Rated operational voltage	V	690
Operational frequency	min Hz	0
	max Hz	400
Operational current $I_e$	Operational current min	A 0.09
	Operational current max	A 0.15
Tripping class		10A
Test Button		Yes
Trip indicator		yes

### Terminals

type		screw and washer
screw		M4
width	mm	9.8
tool		Phillips 2

### Tightening torque for terminals

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

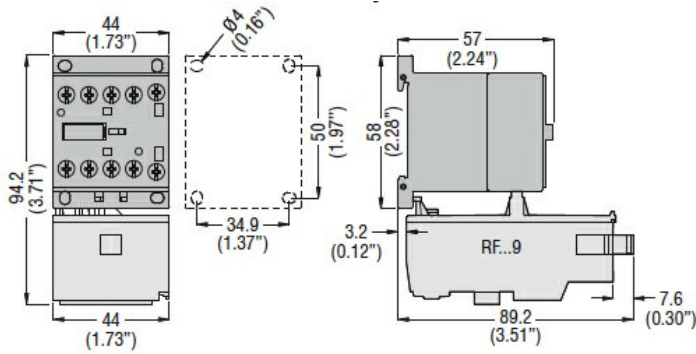
### Conductor section

AWG/kcmil max	10
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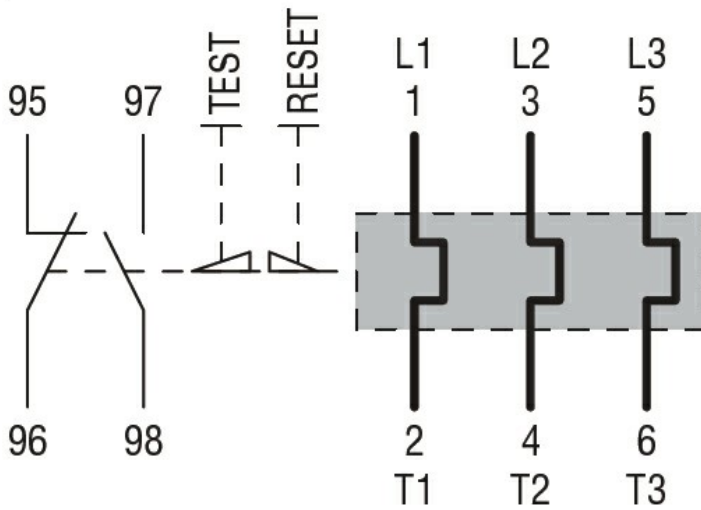
### Auxiliary circuit characteristics

Auxiliary contacts	NO	Nr.	1
	NC	Nr.	1
Auxiliary Rated insulation voltage $U_i$ IEC/EN	V	690	
Auxiliary Rated impulse withstand voltage $U_{imp}$	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
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Operating current DC13	125V	A	0.11
	600V	A	0.22
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IEC Conventional free air thermal current I <sub>th</sub> ≤ 40°C		A	10
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Terminals	Auxiliary circuit type		screw and washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 1
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Conductor section	Auxiliary circuit Flexible w/o lug max	mm <sup>2</sup>	2.5
	Auxiliary circuit Flexible c/w lug max	mm <sup>2</sup>	2.5
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Tightening torque for terminals	Auxiliary circuit min	Nm	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	Ibin	0.74
	Auxiliary circuit max	Ibin	0.74
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UL/CSA and IEC/EN 60947-5-1 designation			B600-P600
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<b>Ambient conditions</b>			
Operating temperature	min	°C	-20
	max	°C	55
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Storage temperature	min	°C	-55
	max	°C	70
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Compensation temperature	min	°C	-15
	max	°C	55
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Max altitude		m	3000
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<b>Mechanical features</b>			
Operating position	normal allowable		Vertical plan ±30°
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Fixing			Direct mounting on BG06... BG09... BG12...
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Weight		g	116
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<b>UL technical data</b>			
Full-load current (FLA) for three-phase AC motor	at 480V	A	0.15
	at 600V	A	0.15
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<b>Dimensions</b>			



**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