



General characteristics			
Number of poles	Nr.	3	
Overvoltage category		III	
Pollution degree		3	
Frontal IP degree		IP20	
Type of release		Thermal	
Protection fuse	gG (IEC)	A	20
	aM (IEC)	A	8
	RK5 (UL)	A	25
Phase failure detection		yes	
Reset mode		Automatic	
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	4.5
	Operational current max	A	7.5
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	
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	1.5
120V	A	1.5
240V	A	0.75

IEC Conventional free air thermal current  $I_{th} \leq 40^\circ\text{C}$

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

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

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

UL/CSA and IEC/EN 60947-5-1 designation

C600-R300

**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
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**Mechanical features**

Operating position

normal allowable	Vertical plan ±30°
	Direct mounting on BG06... BG09... BG12...

Fixing

Weight

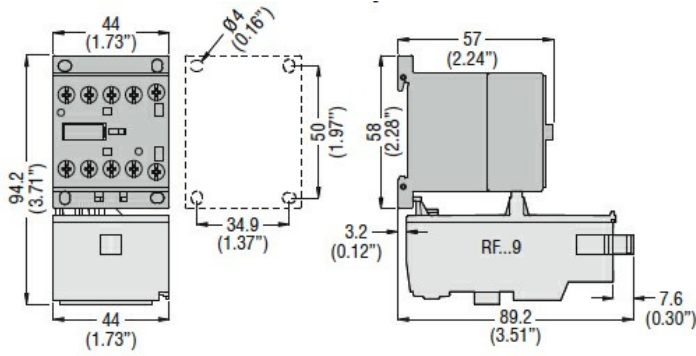
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**UL technical data**

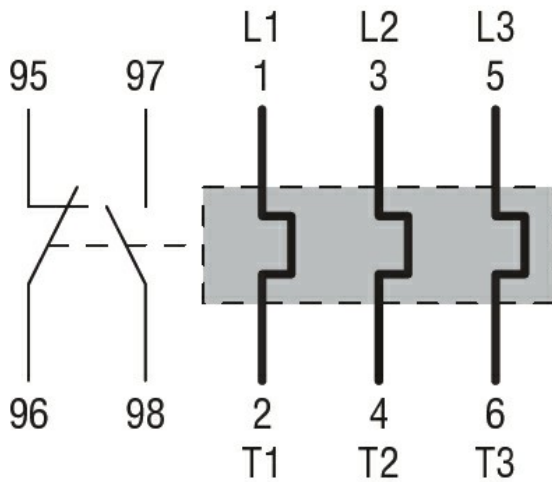
Full-load current (FLA) for three-phase AC motor

at 480V	A	7.5
at 600V	A	7.5

**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