



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		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 max	Hz Hz 0 400
Operational current I_e	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 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

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	C300-R300
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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°
Fixing	Direct mounting on BG06... BG09... BG12...

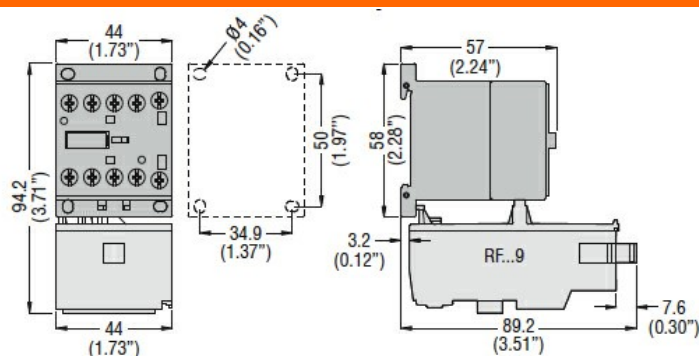
Weight	g	116
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UL technical data

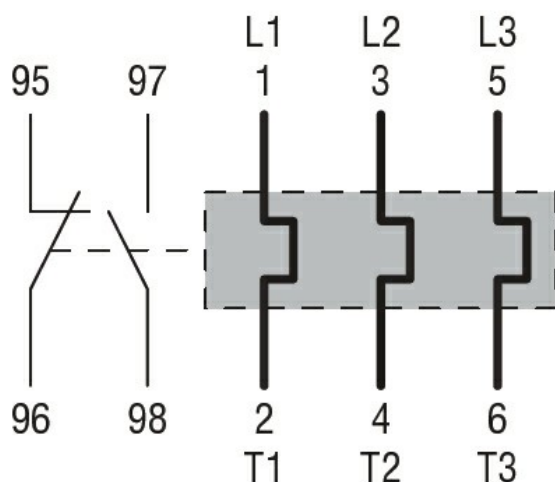
Full-load current (FLA) for three-phase AC motor

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