



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 4
	aM (IEC)	A 2
	K5 (UL)	A 6
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 0.9
	Operational current max	A 1.5
Tripping class		10A
Test Button		Yes
Trip indicator		yes
Terminals		

type	screw and washer
screw	M4
width	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

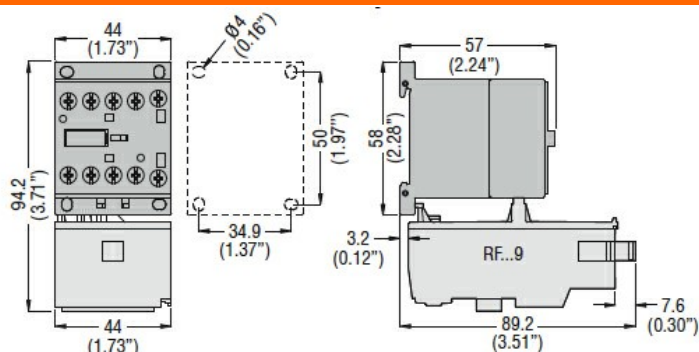
Conductor section

AWG/kcmil max	10
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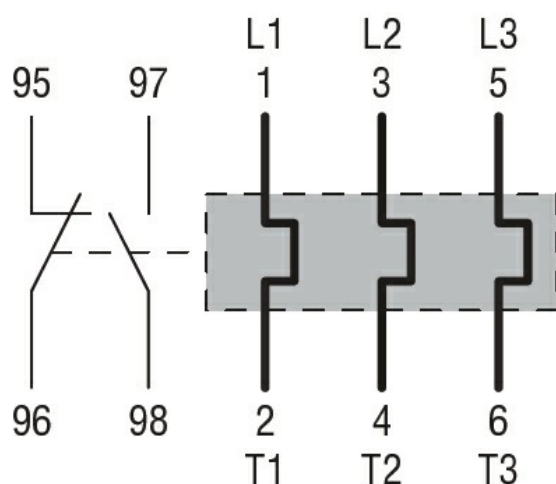
Auxiliary circuit characteristics

Auxiliary contacts			
	NO	Nr.	1
	NC	Nr.	1
Auxiliary Rated insulation voltage Ui IEC/EN		V	690
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690

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				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
Mechanical features				
Operating position				
			normal allowable	Vertical plan ±30°
Fixing			Direct mounting on BG06... BG09... BG12...	
Weight			g	123
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