



Motor protection
relay
RF38

Product designation

Product type designation

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 A
	aM (IEC)	A 10 A
	RK5 (UL)	A 40 A
Phase failure detection		NO
Reset mode		Manual or automatic

Power circuit characteristics

Operating frequency	Operational frequency max	Hz	400 1/s
Operating current	Operational current min	A	6.3 A
	Operational current max	A	10 A
Tripping class			10A
Test Button			YES
Trip indicator			YES
Terminals	type		Screw and washer
	screw		M4
	tool		Phillips 2
Conductor section	AWG max		8

Auxiliary circuit characteristics

Auxiliary contacts	NO	nr.	1
	NC	nr.	1
Operating current AC15	24V	A	3 A
	120V	A	3 A
	240V	A	1.5 A
	380V	A	0.95 A
	480V	A	0.75 A
	500V	A	0.72 A
	600V	A	0.6 A
Operating current DC13			

	125V	A	0.11 A
	600V	A	0.22 A
Conventional free air thermal current Ith		A	10 A

Terminals

	type	Screw and washer
	screw	M3,5
	tool	Phillips 2

UL/CSA and IEC/EN 60947-5-1 designation	B600-R300
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Ambient conditions

Max altitude	m	3000
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Mechanical features

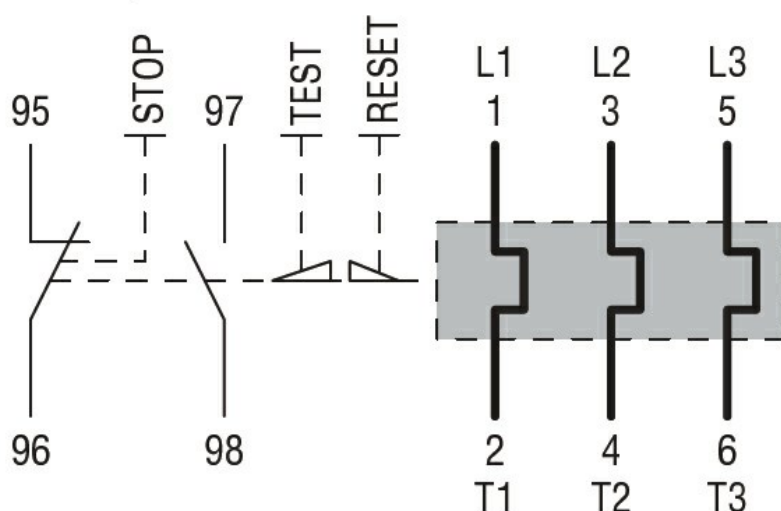
Operating position	normal allowable	Vertical plan $\pm 30^\circ$
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Weight	g	0.16 kg
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UL technical data

Full-load current (FLA) for three-phase AC motor	at 480V	A	10 A
	at 600V	A	10 A

Wiring diagrams



Certifications and compliance

Compliance	CSA C22.2 n° 14
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL508

Certifications	CCC
	cULus
	EAC