RF828200

MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL RESETTING. DIRECT MOUNTING ON BF40 - BF94 CONTACTORS, 60...82A

Product designation			Motor protection relay
Product type designation			RF82
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	200 A
	aM (IEC)	A	100 A
	K5 (UL)	A	250 A
Phase failure detection			YES
Reset mode			Manual
Power circuit characteristics			
Operating frequency			
	Operational frequency max	Hz	400 1/s
Operating current			
	Operational current min	A	60 A
	Operational current max	A	82 A
Tripping class			10A
Test Button			YES
Trip indicator			YES
Terminals			
	type		Yoke clamp
	screw		M5
	tool		Phillips 2
Conductor section			
	AWG max		2
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

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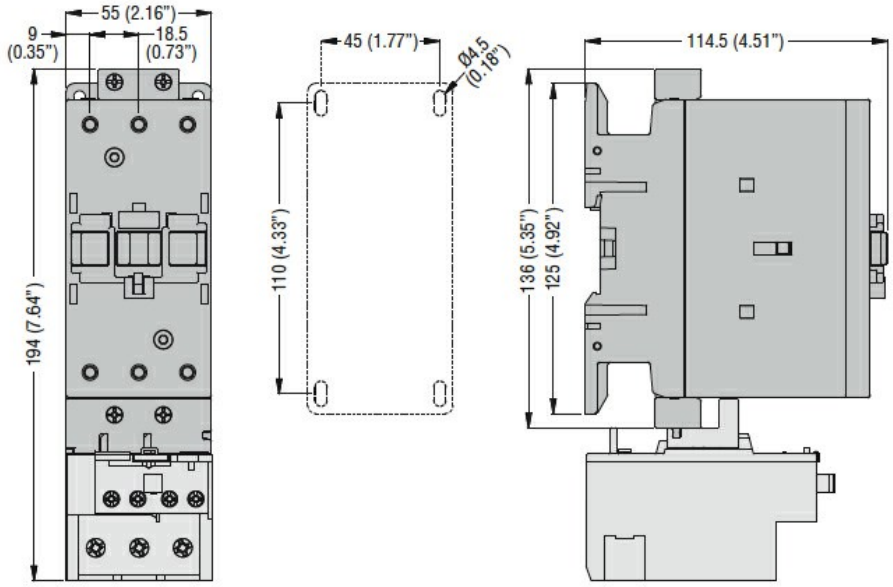
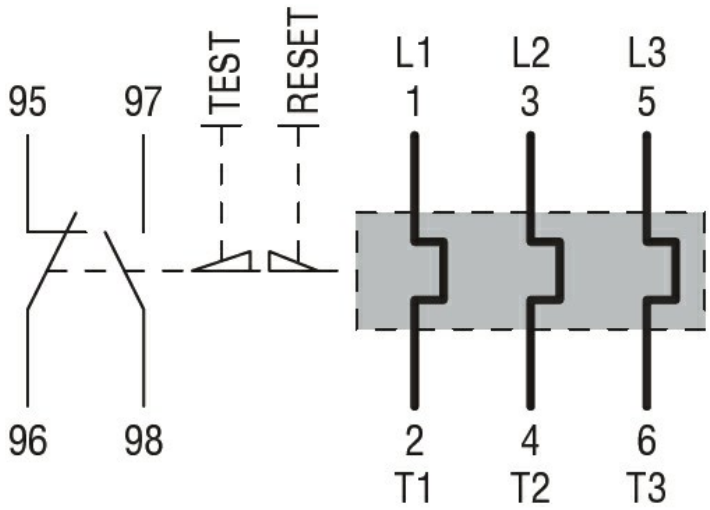
Conventional free air thermal current Ith		A	10 A
Terminals			
	type		Screw and washer
	screw		M3,5
	tool		Phillips 1
UL/CSA and IEC/EN 60947-5-1 designation			B600-P600
Ambient conditions			
Max altitude		m	3000
Mechanical feautures			
Operating position			
	normal		Vertical plan
	allowable		±30°
Weight		g	0.365 kg
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	A	82 A
	at 600V	A	82 A

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

Certifications

cULus