ENERGY AND AUTOMATION

RF828200

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



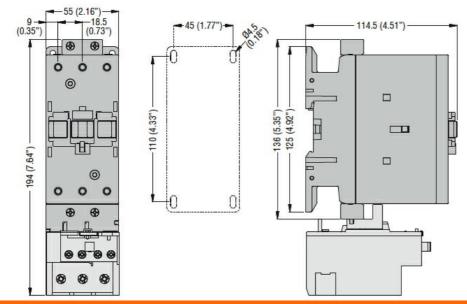
Product type designation RF82 General characteristics Number of poles nr. 3	Product designation			Motor protection relay
Number of poles	Product type designation			RF82
III Pollution degree 3 3 7 7 7 7 7 7 7 7				
Pollution degree 3 7 7 7 7 7 7 7 7 7	·		nr.	
Frontal IP degree IP20 Thermal				
Type of release				
Protection fuse	-			
Phase failure detection				Thermal
Amage	Protection fuse			
Name			Α	
Phase failure detection YES		aM (IEC)	Α	100 A
Reset mode		K5 (UL)	Α	
Power circuit characteristics	Phase failure detection			YES
Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A Pa S2 A Pa PES	Reset mode			Manual
Operating current Operating current Operating current min A 60 A 60 A Operational current min A 82 A Tripping class 10A Test Button YES Trip indicator YeS YeS Trip indicator Trip indicator YeS Trip indicator YeS Trip indicator Trip i	Power circuit characteristics			
Operating current	Operating frequency			
Operational current min A 60 A 82 A		Operational frequency max	Hz	400 1/s
Operational current max	Operating current			
Operational current max		Operational current min	Α	60 A
Tripping class			Α	82 A
Test Button	Tripping class	·		10A
Trip indicator YES Terminals type screw M5 tool Yoke clamp M5 tool Conductor section AWG max 2 Auxiliary circuit characteristics NO nr. 1 NC nr. 1 Auxiliary contacts NO nr. 1 1 Operating current AC15 24V A 3 A 3 A 120V A 3 A 240V A 1.5 A 380V A 0.95 A 380V A 0.95 A 480V A 0.75 A 500V A 0.75 A 500V A 0.75 A 600V A 0.75 A 600V A 0.72 A 600V A 0.72 A 600V A 0.6 A Operating current DC13 125V A 0.11 A				
Terminals type Yoke clamp Screw M5 tool Phillips 2				
type screw nd5 Yoke clamp M5 conductor section AWG max 2 Auxiliary circuit characteristics NO nr. 1 nr. 1 1 Auxiliary contacts NO nr. 1 1 Operating current AC15 24V A 3 A 1.5 A 3 A 1.5 A 3.80V A 0.95 A 4.0.95 A 4.	•			
Screw tool M5 tool Phillips 2 Conductor section AWG max 2 Auxiliary circuit characteristics NO nr. 1 Auxiliary contacts NO nr. 1 NC nr. 1 Operating current AC15 24V A 3 A 3 A 120V A 3A 3 A 240V A 1.5 A 380V A 0.95 A 4 0.95 A 4 80V A 0.75 A 480V A 0.72 A 500V A 0.72 A 600V A 0.6 A Operating current DC13 Operating current DC13		type		Yoke clamp
Conductor section AWG max 2 Auxiliary circuit characteristics Value of the property of the prope				· ·
AWG max 2				
Auxiliary circuit characteristics Auxiliary contacts NO nr. 1 NC nr. 1 NC nr. 1 Operating current AC15 24V A 3 A 120V 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	Conductor section			
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		AWG max		2
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	Auxiliary circuit characteristics			_
NO nr. 1 NC nr. 1				
NC nr. 1	,	NO	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				
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	Operating current AC15			·
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	oporating out on the to	24\/	Δ	3 Δ
240V A 1.5 A 380V A 0.95 A 480V A 0.75 A 480V A 0.72 A 600V A 0.6 A Operating current DC13				
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				
480V A 0.75 A 500V A 0.72 A 600V A 0.6 A				
500V A 0.72 A 600V A 0.6 A				
600V A 0.6 A Operating current DC13 125V A 0.11 A				
Operating current DC13 125V A 0.11 A				
125V A 0.11 A	Operating current DC13	000 V		0.0 A
	Operating current DC 13	4051/	٨	0.11.4
600V A 0.22 A				
		600 V	A	U.ZZ A

ENERGY AND AUTOMATION

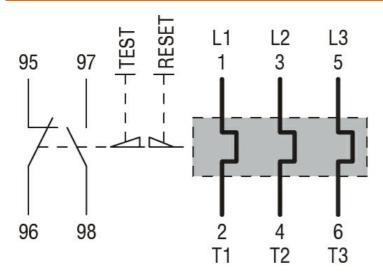
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Conventional free air thermal current Ith		Α	10 A
Terminals			
	type		Screw and washer
	screw		M3,5
	tool		Phillips 1
UL/CSA and IEC/EN 60947-5-1 designation			B600-P600
Ambient conditions			
Max altitude		m	3000
Mechanical feautures			
Operating position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

Dimensions



Wiring diagrams







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Compliance

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

Certifications

cULus