

MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING, 60...100A

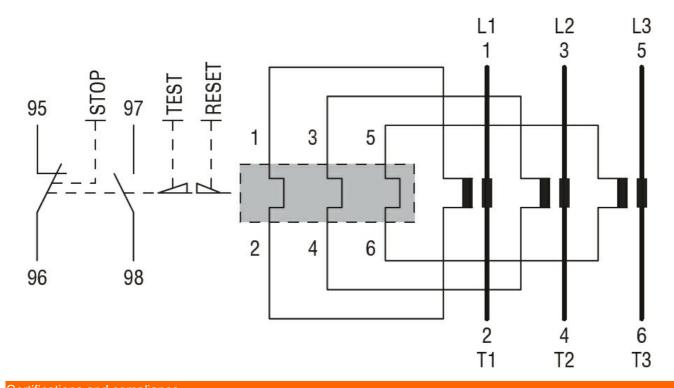


Product type designation Series S	Product designation			Motor protection relay
Number of poles	Product type designation			RF200
III Pollution degree 3 3 5 5 5 5 5 5 5 5	General characteristics			
Pollution degree 3 1 1 1 1 1 1 1 1 1	Number of poles		nr.	3
Protection fuse	Overvoltage category			Ш
Thermal Protection fuse GG (IEC) A 160 A 1	Pollution degree			3
Protection fuse	Frontal IP degree			IP20
Phase failure detection A 160 A A 160 A A 100 A A 500 A 500 A A 500 A 500 A A 500 A 50	Type of release			Thermal
A	Protection fuse			
Phase failure detection		gG (IEC)	Α	160 A
Phase failure detection Reset mode Manual or automatic		aM (IEC)	Α	100 A
Reset mode		K5 (UL)	Α	500 A
Auxiliary circuit characteristics Survival and sultomatic	Phase failure detection			NO
Operating frequency Operational frequency max Hz 60 1/s Operating current Operational current min Operational current min Operational current min Operational current max A 60 A A 100 A 10	Reset mode			
Operating current Operational frequency max Hz 60 1/s	Power circuit characteristics			
Operating current Operational frequency max Hz 60 1/s	Operating frequency			
Operational current min		Operational frequency max	Hz	60 1/s
Operational current max	Operating current			
Operational current max	•	Operational current min	Α	60 A
Test Button			Α	100 A
Trip indicator YES Terminals type screw and flat washer screw tool M8 Auxiliary circuit characteristics NO nr. 1 nc. 1 nr. 1 Auxiliary contacts NO nr. 1 nc. 1 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 0.95 A 480V A 0.95 A 480V A 0.75 A 500V A 0.75 A 500V A 0.72 A 600V A 0.6 A Operating current DC13 125V A 0.11 A	Tripping class			10A
Terminals type screw and flat washer screw tool Bar 13mm 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 0.75 A 500V A 0.72 A 600V A 0.6 A Operating current DC13 Operating current DC13	Test Button			YES
Terminals type screw and flat washer screw M8 tool Bar 13mm 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 0.75 A 500V A 0.72 A 600V A 0.6 A Operating current DC13	Trip indicator			YES
Type Washer Screw M8 tool Bar 13mm				
Screw tool Bar 13mm		type		
Auxiliary circuit characteristics		screw		
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				
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			
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		NO	nr.	1
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		NC	nr.	1
120V	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		24V	Α	3 A
380V A 0.95 A 480V A 0.75 A 500V A 0.72 A 600V A 0.6 A Operating current DC13		120V		
480V A 0.75 A 500V A 0.72 A 600V A 0.6 A		240V	Α	1.5 A
500V A 0.72 A 600V A 0.6 A		380V	Α	0.95 A
Operating current DC13 600V A 0.6 A 125V A 0.11 A		480V	Α	0.75 A
Operating current DC13 125V A 0.11 A			Α	
125V A 0.11 A		600V	Α	0.6 A
	Operating current DC13			
600V A 0.22 A			Α	0.11 A
		600V	Α	0.22 A

ENERGY AND AUTOMATION

MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING, 60...100A

Conventional free air thermal current Ith		Α	10 A
Terminals			
	type		Screw and washer
	screw		M3,5
	tool		Phillips 2
UL/CSA and IEC/EN 60947-5-1 designation			B600-R300
Ambient conditions			
Max altitude		m	3000
Mechanical feautures			
Operating position			
	normal allowable		Vertical plan ±30°
Weight		g	2.150 kg
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	Α	100 A
	at 600V	Α	100 A
Dimensions			
Wiring diagrams			



Certifications and compliance

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-4-1

UL508

Certifications

cULus

EAC