RF383200



MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE electric (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 24...32A



Product designation relay RF38 Product type designation RF38 Product type designatin RF38 Product type designation RF38 Produc			Links	Motor protection
Ceneral characteristics nr. 3 Number of poles nr. 3 Overvoltage category III Pollution degree 3 Frontal IP degree IP20 Type of release Thermal Protection fuse gG (IEC) A 63 A aff (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO NO Reset mode Manual or automatic Power circuit characteristics Operating frequency max Hz 400 1/s Operating frequency Operational current min A 24 A Operating current Operational current min A 32 A Tripping class 10A Test Button YES Trip indicator YES YES Trip indicator Terminals Screw and washer screw M4 Auxiliary cricuit characteristics NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 120V A Auxiliary cricuit characteristics NO nr.	Product designation			relay
Number of poles nr. 3 Overvoltage category III Pollution degree 3 Frontal IP degree IP20 Type of release IP20 Protection fuse gG (IEC) A 63 A aft (IEC) A 63 A att (IEC) A 40 A RKS (UL) A 120 A NO NO Phase failure detection NO NO Manual or automatic Power circuit characteristics Uperational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current min A 24 A Operational current max 32 A 10A Test Button YES YES Trip indicator YES YES Terminals Screw and washer Screw and washer Auxiliary circuit characteristics NO nr. 1 Operating current AC15 NO nr. 1 Operating current AC15 24V				RF38
Overvoltage category III Pollution degree 3 Frontal IP degree IP20 Type of release Thermal Protection fuse gG (IEC) A 63 A aff (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO RK5 (UL) A 120 A Phase failure detection NO Manual or automatic automatic Power circuit characteristics Operational frequency max Hz 400 1/s Operating current Operational current min A 22 A Tripping class 10A Test Button YES Trip indicator YES YES Trip indicator YES Trip indicator YES Screw and washer washer Screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary contacts Muxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A <t< td=""><td></td><td></td><td></td><td></td></t<>				
Pollution degree 3 Frontal IP degree IP20 Type of release Thermal Protection fuse gG (IEC) A 63 A aM (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO NO Reset mode Manual or automatic Power circuit characteristics Operational frequency max Hz 400 1/s Operating frequency Operational current min A 22 A Tripping class 10A 32 A 10A Test Button YES YES YES Terminals type Screw and washer washer Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 240V			nr.	
Frontal IP degree IP20 Type of release Thermal Protection fuse gG (IEC) A 63 A aM (IEC) A 40 A 120 A Phase failure detection NO NO Reset mode Manual or automatic NO Power circuit characteristics Operational frequency max Hz 400 1/s Operating requency Operational current min A 24 A Operational current min A 24 A 32 A Tripping class 10A 10A 128 S Trip indicator YES YES 10A Test Button YES YES 10A Test Button YES Screw and washer washer washer washer screw M4 tool Philips 2 Conductor section AWG max 8 Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 240V A Auxiliary contacts				
Type of release Thermal Protection fuse gG (IEC) A 63 A atM (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics Operating frequency max Hz 400 1/s Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current max A 32 A Tripping class 10A YES Trip indicator YES YES Terminals tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 240V A 3 A 240V A 3 A 240V A 3 A 240V A 3 A 240V A 3 A 240V				
Protection fuse gG (IEC) A 63 A aM (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics Manual or automatic Operating frequency Operational frequency max Hz 400 1/s Operational current min A 24 A Operational current min A 32 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary contacts NO nr. NC nr. 1 Operating current AC15 24V A 24V A 3 A 240V A 3 A 240V A 3 A 240V A 3				
gG (IEC) A 63 A aM (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics Manual or automatic Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A 24 A Operational current max A 32 A 10A Tripping class 10A Test Button YES Trip indicator YES Screw and washer screw M4 washer screw M4 WG max 8 Auxiliary circuit characteristics Auxiliary circuit characteristics Auxiliary circuit characteristics Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3A 120V A 3A 240V A 3A 120V A 3A 240V A 3A				Thermal
aM (IEC) A 40 A RK5 (UL) A 120 A Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics Operating frequency max Hz 400 1/s Operating current Operational current min A A 24 A Operating current Operational current max A 32 A Tripping class 10A Test Button YES Trip indicator YES YES Trip indicator YES Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. 1 Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 240V A 1.5 A 380V A 0.95 A 4480V A 0.75 A 380V A 0.95 A	Protection fuse			
RK5 (UL) A 120 A Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current max A 32 A Tripping class Tripping class 10A Test Button YES Trip indicator YES YES Terminals type Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary contacts NO nr. Qperating current AC15 24V A Querter AC15 24V A Auxiliary contacts 24V A Auxiliary contacts 24V A Querter AC15 24V A Auxiliary Contacts 24V A Auxiliary contacts 24V A Auxiliary contacts 3A 3A Auxiliary contacts 3A 3A Auxiliary contacts				
Phase failure detection NO Reset mode Manual or automatic Power circuit characteristics automatic Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current max A 32 A Tripping class 10A YES Trip indicator YES YES Terminals type Screw and washer screw M4 M4 Conductor section AWG max 8 Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 120V A 3.6 480V A 0.75 A 360V A 0.75 A 500V A 0.75 A 500V A 0.6 A		. ,		
Reset mode Manual or automatic Power circuit characteristics Operating frequency Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current min A 32 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 120V A 3.6 240V A 1.5 A 380V A 0.95 A 480V A 0.75 A 500V A 0.75 A		RK5 (UL)	A	
Reset mode automatic Power circuit characteristics Operational frequency max Hz 400 1/s Operating current Operational current min Operational current max A 32 A Tripping class 10A Test Button YES Test Button YES YES Trip indicator YES YES Terminals type Screw and washer washer washer Screw M4 tool tool Phillips 2 Conductor section Auxiliary circuit characteristics NO nr. Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3A 240V A 3.A 240V A 3.A 240V A 1.5 A 380V A 0.95 A 3600V A 0.75 A 500V A 0.75 A	Phase failure detection			
automatic Power circuit characteristics Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min Operational current max A 24 A Operational current max A 32 A 10A Test Button YES 10A Test Button YES YES Trip indicator YES YES Terminals type Screw and washer screw M4 M4 tool Phillips 2 Conductor section Awxiliary circuit characteristics NO nr. 1 Auxiliary contacts 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 0.75 A 500V A 0.6 A	Reset mode			
Operating frequency Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current max A 32 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer type Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 240V A 3 A 120V A 3 A 240V A 3 A 120V A 3 A 240V A 15 A 380V A 0.95 A 380V A 0.75 A 480V A 0.72 A 600V A 0.6 A				automatic
Operational frequency max Hz 400 1/s Operating current Operational current min A 24 A Operational current min A 32 A Tripping class 10A Test Button YES Terminals YES terminals Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 120V A 3 A 240V A 3 A 120V A 3 A 240V A 1.5 A 380V A 0.95 A 380V A 0.75 A 480V A 0.75 A 500V A 0.72 A				
Operating current Operational current min Operational current min A A 24 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer type Screw and washer screw M4 tool Phillips 2 Conductor section AWG max Auxiliary circuit characteristics Auxiliary circuit characteristics Auxiliary contacts NO NO nr. Operating current AC15 24V 24V 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 frequency			
Operational current min Operational current max A 24 A A 32 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer type Screw and washer screw M4 tool Phillips 2 Conductor section A Auxiliary circuit characteristics 8 Auxiliary contacts NO NC nr. 1 Operating current AC15 24V A 3 A 240V A 3 A 120V A 3 A 380V A 0.95 A 380V A 0.95 A 480V A 0.75 A 500V A 0.72 A	-	Operational frequency max	Hz	400 1/s
Operational current max A 32 A Tripping class 10A Test Button YES Trip indicator YES Terminals Screw and washer type Screw and washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. 1 Auxiliary contacts NO nr. 1 Operating current AC15 24V A 3 A 240V A 3 A 240V A 3 A 240V A 0.95 A 380V A 0.95 A 380V A 0.75 A 500V A 0.72 A 600V A 0.66 A 0.66 A 0.66 A	Operating current			
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 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 0.75 A 500V A 0.72 A 600V A 0.6 A				
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 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 0.75 A 500V A 0.72 A 600V A 0.6 A		Operational current max	Α	
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 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 1.5 A	Tripping class			
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 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	Test Button			
typeScrew and washerscrewM4toolPhillips 2Conductor sectionAWG max8Auxiliary circuit characteristics8Auxiliary contactsNOnr.1NCnr.1Operating current AC1524VA3 A120VA3 A120VA3 A240VA1.5 A380VA0.95 A480VA0.75 A500VA0.72 A600VA0.6 A	Trip indicator			YES
type washer screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics NO nr. 1 Auxiliary contacts 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	Terminals			
waster waster screw M4 tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics 8 Auxiliary contacts NO nr. 1 Operating current AC15 NO nr. 1 Querting current AC15 24V 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 1.5 A 1.5 A 1.5 A		type		
tool Phillips 2 Conductor section AWG max 8 Auxiliary circuit characteristics 8 Auxiliary contacts NO nr. 1 NC nr. 1 NC 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		туре		
AWG max 8 Auxiliary circuit characteristics Auxiliary contacts Auxiliary contacts 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		screw		
AWG max 8 Auxiliary circuit characteristics Auxiliary contacts 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		tool		Phillips 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	Conductor section			
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		AWG max		8
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				
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	Auxiliary contacts			
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			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		NC	nr.	1
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 AC15			
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		24V	А	
380V A 0.95 A 480V A 0.75 A 500V A 0.72 A 600V A 0.6 A			А	
480V A 0.75 A 500V A 0.72 A 600V A 0.6 A			А	1.5 A
500V A 0.72 A 600V A 0.6 A			А	0.95 A
600V A 0.6 A			А	
			А	
		600V	Α	0.6 A

Operating current DC13

RF383200



ova ENERGY AND AUTOMATION

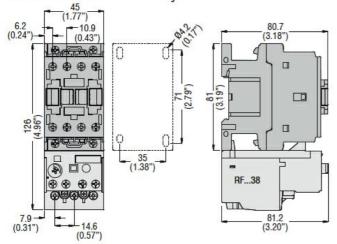
MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE electric (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 24...32A

	125V	Α	0.11 A
	600V	Α	0.22 A
Conventional free air thermal current Ith		А	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	0.16 kg
UL technical data		-	· · · ·
Full-load current (FLA) for three-phase AC motor			
	at 480V	А	32 A
	at 600V	А	32 A

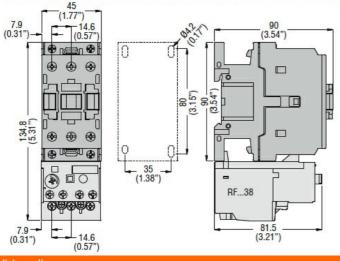
Dimensions



RF...38 thermal overload relay



- BF32 00A... - BF38 00A... three poles with RF...38 thermal overload relay BF26 00A...



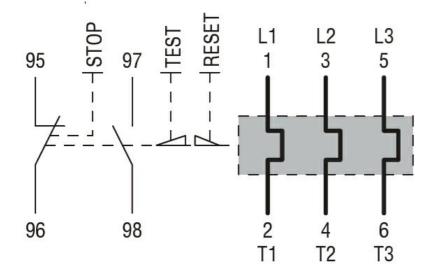
Wiring diagrams

RF383200

RF383200



MOTOR PROTECTION RELAY, PHASE FAILURE / SINGLE PHASE SENSITIVE. THREE POLE electric (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 ENERGY AND AUTOMATION CONTACTORS, 24...32A



Certifications and compliance

Compliance

Certifications

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