RF381000



MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE Electric (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 AND AUTOMATION CONTACTORS, 6.3...10A



Product type designation Motor relay General characteristics Nr. 3 Number of poles Nr. 3 Overvoltage category III Pollution degree 3 Frontal IP degree IP20 Type of release Therm Protection fuse gG (IEC) A 20 aM (IEC) A 10 Rts (UL) A 40 Phase failure detection yes Manua autom Power circuit characteristics Manua autom Power circuit characteristics V 690	protection
General characteristicsNumber of polesNr.3Overvoltage categoryIIIPollution degree3Frontal IP degreeIP20Type of releaseThermProtection fusegG (IEC)A20aM (IEC)A10RK5 (UL)A40Phase failure detectionyesReset modeManua automPower circuit characteristicsVertice of the set of the se	 al
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Poted insulation voltage LI IEC/EN	
Rated impulse withstand voltage Uimp kV 6	
Rated operational voltage V 690	
Operational frequency	
min Hz 0	
max Hz 400	
Operational current le	
Operational current min A 6.3	
Operational current max A 10	
Tripping class 10A	
Test Button Yes	
Trip indicator yes	
Terminals	
type screw	
washe	r
screw M4	
width mm 12.6	
tool Phillip	s 2
Tightening torque for terminals	
min Nm 2	
max Nm 2.5	
min Ibin 1.5	
max Ibin 1.8	
Conductor section	
Flexible w/o lug max mm ² 10	
Flexible c/w lug max mm ² 6	
AWG/kcmil max 8	

Auxiliary circuit characteristics

RF381000



ENERGY AND AUTOMATION

RF381000 MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE electric (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 6.3...10A

Auxiliary contacts

NO Nr. 1 Auxiliary Rated insulation voltage Uir EC/EN V 60 Auxiliary Rated operational voltage Uirpp KV 6 Auxiliary Rated operational voltage V 690 Operating current AC15 24V A 3 120V A 3 240V A 3 240V A 0.5 380V A 0.72 600V A 0.6 07 600V A 0.6 Operating current DC13 125V A 0.11 600V A 0.6 Terminals Auxiliary circuit tope screw and washer Muxiliary circuit tope screw and washer Auxiliary circuit fixed is screw MAS.5 MAS.5 MAS.5 Conductor section Auxiliary circuit fixed is of up max mm* 2.5 Conductor section Auxiliary circuit fixed is of up max mm* 2.5 Tiphtening torque for terminals Auxiliary circuit max Nm 1 Auxiliary circuit fixe is of up max mm*	Auxiliary contacts			
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$\begin{array}{cccc} & \min & ^\circ \mbox{C} & -50 \\ max & ^\circ \mbox{C} & 70 \\ \hline \\ Compensation temperature & & & \\ & \min & ^\circ \mbox{C} & -20 \\ max & ^\circ \mbox{C} & 60 \\ \hline \\ Max altitude & m & 3000 \\ \hline \\ Mechanical features & & & \\ \hline \\ Operating position & & & \\ \hline \\ Operating position & & & \\ \hline \\ Pixing & & normal & Vertical plan \\ allowable & \pm 30^\circ \\ \hline \\ Fixing & & Direct mounting \\ on BF09 \\ BF38 \\ \hline \\ Weight & g & 160 \\ \hline \end{array}$	Storage temperature	mux		
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Fixing Direct mounting on BF09 BF38 Weight g 160				-
Fixing on BF09 Weight g		allowable		
BF38 Weight g 160				
	Fixing			
UL technical data			g	160
	UL technical data			

RF381000

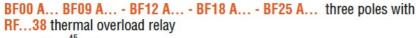


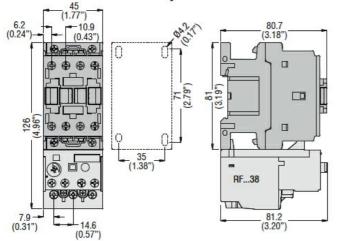


MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE electric (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 6.3...10A

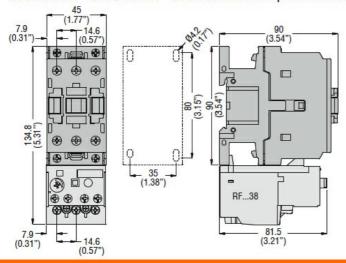
Full-load current (FLA) for three-phase AC motor

		at 480∖	Υ Α	10	
		at 600∖	′ A	10	
Dimensions					

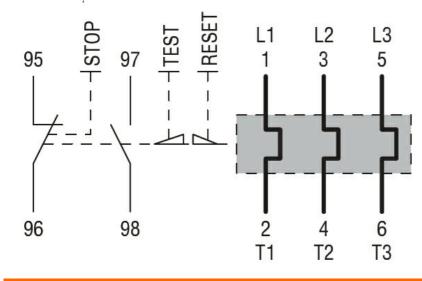




BF26 00A... - BF32 00A... - BF38 00A... three poles with RF...38 thermal overload relay



Wiring diagrams



Certifications and compliance

RF381000



ENERGY AND AUTOMATION

RF381000 MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE electric (THREE-PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 6.3...10A

Compliance

-	CSA C22.2 n° 14	
	IEC/EN 60947-1	
	IEC/EN 60947-4-1	
	UL508	
Certifications		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC000106 -

ETIM 8.0

EC000106 -Thermal overload relay