RFN382500



MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 20...25A



		(III)	
Product designation			RFN38
-			Motor protection
Product type designation			relay
General characteristics			,
Number of poles		nr.	3
Overvoltage category			
Pollution degree			3
Frontal IP degree			IP20
Type of release			Thermal
Protection fuse			
	gG (IEC)	А	50
	aM (IEC)	А	32
	RK5 (UL)	А	100
Phase failure detection			No
Reset mode			Manual or
Reset mode			automatic
Power circuit characteristics			
Rated insulation voltage Ui IEC/EN		V	690
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	А	20
	Operational current max	А	25
Tripping class			10A
Test Button			Yes
Trip indicator			Yes
Terminals			
	type		Screw and
	туре		washer
	screw		M4
	width	mm	12.6
	tool		Phillips 2
Tightening torque for terminals			
	min	Nm	2
	max	Nm	2.5
	min	Ibin	1.5
	max	lbin	1.8
Conductor section			
	AWG/kcmil max		8
Auxiliary circuit characteristics			
Auxiliary contacts			
	NO	nr.	1

RFN382500

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Auxiliary Rated insulation voltage Uil EC/EN V 690 Auxiliary Rated impulse withstand voltage V 690 Operating current AC15 24V A 120V A 3 120V A 3 240V A 3 120V A 3 240V A 0.95 480V A 0.72 600V A 0.6 Operating current DC13 125V A 0.11 600V A 0.22 EC conventional free air thermal current lth A 10 Terminals Auxiliary circuit flexible wol ug max mm* 2.5 Conductor section Auxiliary circuit flexible wol ug max mm* 2.5 Tightening torque for terminals Auxiliary circuit max Mm 1 <		NC	nr.	1
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Auxiliary circuit maxIbin0.74UL/CSA and IEC/EN 60947-5-1 designationB600-R300Ambient conditionsOperating temperatureOperating temperaturemin°C-25 max°C60Storage temperaturemin°C-25 .Max are C7070Compensation temperaturemin°C-20 .Max altitudem3000.Max altitudem3000.Mechanical featuresOperating positionnormalVertical plan allowable±30°Weightg160UL technical dataFull-load current (FLA) for three-phase AC motorat 480VA25At 800VA25				
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Max altitudem3000Mechanical featuresOperating positionnormal allowableVertical plan ±30°Weightg160UL technical dataFull-load current (FLA) for three-phase AC motorat 480V at 600VA25				
Mechanical features Operating position normal Vertical plan allowable ±30° Weight g 160 UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 25 at 600V A 25 at 600V A 25	Max altituda	rnax		
Operating position normal vertical plan allowable allowable ±30° Weight g 160 UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 25 at 600V A 25 at 600V A 25			111	3000
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UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 25 at 600V A 25	Weight		α	
Full-load current (FLA) for three-phase AC motor at 480V A 25 at 600V A 25			9	
at 480V A 25 at 600V A 25				
at 600V A 25		at 480V	А	25
	Dimensions			

RFN382500

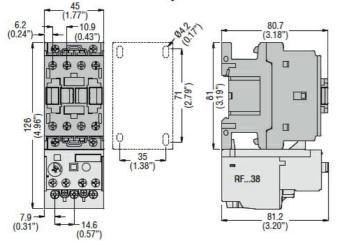


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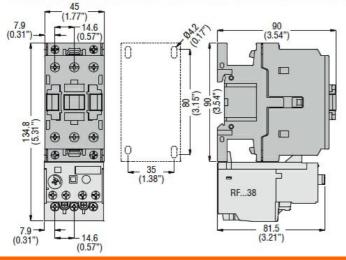
RFN382500

BF00 A... BF09 A... - BF12 A... - BF18 A... - BF25 A... three poles with

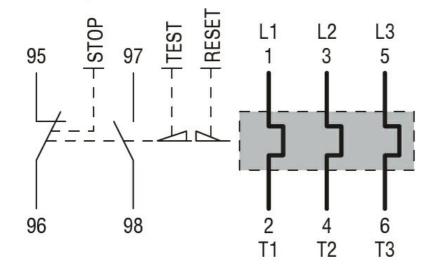
RF...38 thermal overload relay



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



Wiring diagrams



Certifications and compliance

Compliance

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

RFN382500



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RFN382500

	UL508
Certifications	
	CCC
	cULus
	EAC