RFN382300



MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 17...23A



			10000
Product designation			RFN38
Draduct time designation			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	25
	RK5 (UL)	А	90
Phase failure detection			No
Reset mode			Manual or
			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	17
	Operational current max	Α	23
Tripping class			10A
Test Button			Yes
Trip indicator			Yes
Terminals			
	type		Screw and
	type		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	Ibin	1.8
Conductor section			
	AWG/kcmil max		8
Auxiliary circuit characteristics			
Auxiliary contacts			
	NO	nr.	1

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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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	NO		4
Auxiliant Dated insulation voltage LII IFC/FN	NC	nr. V	1
Auxiliary Rated insulation voltage Ui IEC/EN			690
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Operating current AC15	0.41/		•
	24V	A	3
	120V	A	3
	240V	A	1.5
	380V	A	0.95
	480V	A	0.75
	500V	A	0.72
On contin a comment DO42	600V	A	0.6
Operating current DC13		^	0.44
	125V	A	0.11
	600V	A	0.22
IEC Conventional free air thermal current Ith		A	10
Terminals			0
	Auxiliary circuit type		Screw and
			washer M3,5
	Auxiliary circuit screw Auxiliary circuit width	m m	
	-	mm	8 Phillips 2
Conductor section	Auxiliary circuit tool		
	Auxiliany aircuit Flavible w/a lug may	mm²	2.5
	Auxiliary circuit Flexible w/o lug max Auxiliary circut Flexible c/w lug max	mm²	2.5
Tightoping torque for terminals	Auxiliary circul Flexible C/w lug max	111111	2.0
Tightening torque for terminals		Nine	0.0
	Auxiliary circuit min	Nm Nm	0.8
	Auxiliary circuit max Auxiliary circuit min	Nm Ibin	1
	Auxiliary circuit max	Ibin	0.59 0.74
LIL/CSA and IEC/EN 60047 5 1 designation	Auxiliary circuit max		B600-R300
UL/CSA and IEC/EN 60947-5-1 designation Ambient conditions			D000-R300
Operating temperature			
	min	°C	-25
	min	°C	-25 60
Storage temperature	max	C	00
Sidiaye lemperature	min	°C	-50
	max	°C	-50 70
Compensation temperature	max	C	10
	min	°C	-20
	max	°C	-20 60
Max altitude	IIIAA	 	3000
Mechanical features		111	5000
Operating position			
	normal		Vertical plan
	allowable		±30°
Weight	anowable	a	160
UL technical data		g	
Full-load current (FLA) for three-phase AC motor			
i unitioad current (FLA) for timee-phase AC motor	at 480V	۸	23
	at 480V at 600V	A A	23
Dimensions		A	20
DIMENSIONS			

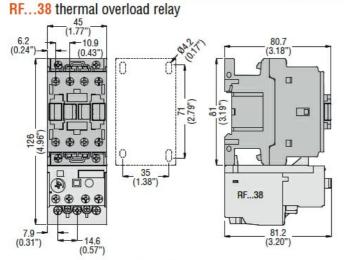
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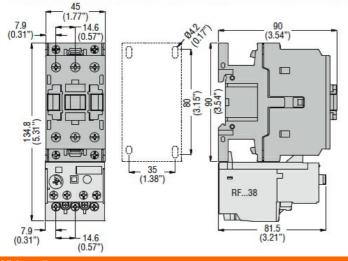
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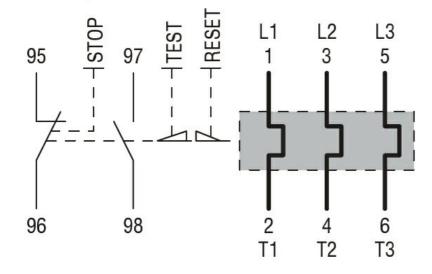
BF00 A... BF09 A... - BF12 A... - BF18 A... - BF25 A... three poles with



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

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	UL508
Certifications	
	CCC
	cULus
	EAC