RFN380016



MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 0.10...0.16A



			LOOM IN NO.
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			
	aM (IEC)	А	0.25
	RK5 (UL)	А	1
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	0.1
	Operational current max	А	0.16
Tripping class	·		10A
Test Button			Yes
Trip indicator			Yes
Terminals			
			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	lbin	1.5
	max	Ibin	1.8
Conductor section			
	AWG/kcmil max		8
Auxiliary circuit characteristics			
Auxiliary contacts			
	NO	Nr.	1
	NC	Nr.	1
			-

RFN380016



RFN380016 MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 0.10...0.16A

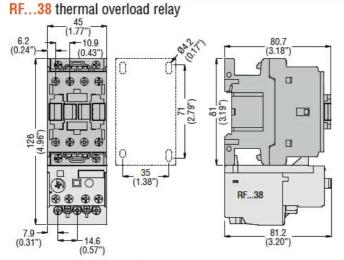
Auxiliary Rated insulation voltage Ui IEC/EN		V	690
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Operating current AC15			
	24V	А	3
	120V	А	3
	240V	А	1.5
	380V	А	0.95
	480V	Α	0.75
	500V	А	0.72
	600V	Α	0.6
Operating current DC13			
	125V	Α	0.11
	600V	Α	0.22
IEC Conventional free air thermal current Ith		Α	10
Terminals			
	Auxiliary circuit type		Screw and
			washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 2
Conductor section			
	ary circuit Flexible w/o lug max	mm²	2.5
	liary circut Flexible c/w lug max	mm²	2.5
Tightening torque for terminals			
	Auxiliary circuit min	Nm	0.8
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	Ibin	0.59
	Auxiliary circuit max	Ibin	0.74
UL/CSA and IEC/EN 60947-5-1 designation			B600-R300
Ambient conditions			
Operating temperature		°C	05
	min	ں ℃	-25 60
Storage temperature	max	U	00
Storage temperature	min	°C	-50
		°C	-50 70
Compensation temperature	max	U	10
	min	°C	-20
	min max	°C	-20 60
Max altitude	IIIdA		3000
Mechanical features		m	
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing	anowable		Direct mounting on BF09 - BF38
			160
W/alabt		g	100
Weight			
UL technical data			
	ot 490\/	٨	0.16
UL technical data	at 480V at 600V	A A	0.16 0.16



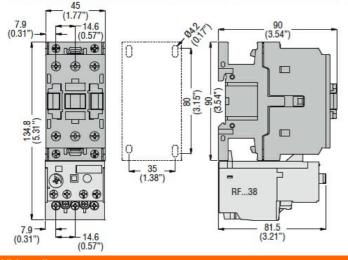
MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 0.10...0.16A

RFN380016

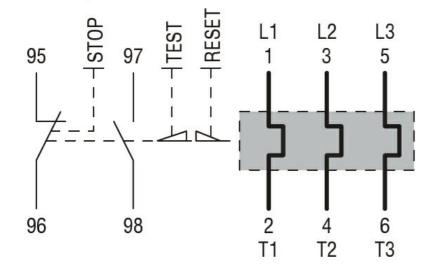
BF00 A... BF09 A... - BF12 A... - BF18 A... - BF25 A... three poles with



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

RFN380016



RFN380016 MOTOR PROTECTION RELAY, NON PHASE FAILURE / NON SINGLE PHASE SENSITIVE. THREE POLE (THREE PHASE), MANUAL OR AUTOMATIC RESETTING. DIRECT MOUNTING ON BF09 - BF38 CONTACTORS, 0.10...0.16A

	UL508	
Certifications		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC000106

ETIM 8.0

EC000106 -Thermal overload relay