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V	9999

Product designation			RF38 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)	A	6
	aM (IEC)	A	4
	RK5 (UL)	A	15
Phase failure detection			yes
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	2.5
	Operational current max	A	4
Tripping class			10A
Test Button			yes
Trip indicator			yes
Terminals			
	type		screw and
			washer
	screw		M4
	width	mm	12.6
Tichtonia a taxayo fay taxainala	tool		Phillips 2
Tightening torque for terminals		N	2
	min	Nm	2
	max	Nm	2.5
	min	lbin Ibin	1.5
Conductor section	max	lbin	1.8
	Elevible w/e lug mey	mm²	10
	Flexible w/o lug max Flexible c/w lug max	mm²	6
	AWG/kcmil max	111111	8
Auxiliary circuit characteristics			
Advinary offour characteristics			

RF380400

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



Auxiliary contacts

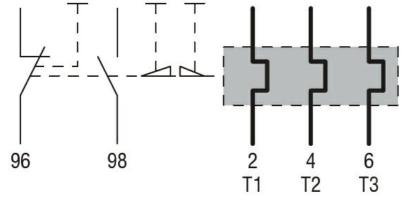
Additionally contacts			
	NO	Nr.	1
	NC	Nr.	1
Auxiliary Rated insulation voltage Ui IEC/EN		V	690
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Operating current AC15			0
	24V	A	3
	120V 240V	A	3
	380V	A A	1.5 0.95
	480V	A	0.95
	500V	A	0.72
	600V	A	0.6
Operating current DC13		7.	0.0
	125V	А	0.11
	600V	A	0.22
IEC Conventional free air thermal current Ith		A	10
Terminals			
			screw and
	Auxiliary circuit type		washer
	Auxiliary circuit screw		M3.5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 2
Conductor section			
	Auxiliary circuit Flexible w/o lug max	mm²	2.5
	Auxiliary 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 Ambient conditions			B600-R300
Operating temperature			
	min	°C	-25
	max	°C	60
Storage temperature		0	
	min	°C	-50
	max	°Č	70
Compensation temperature		-	-
he can be an	min	°C	-20
	max	°Č	60
Max altitude		m	3000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
			Direct mounting
Fixing			on BF09… BF38…
Weight		g	160
UL technical data		Ŭ	

RF380400



ENERGY AND AUTOMATION

Full-load current (FLA) for three-phase AC motor			
	at 480V	А	4
	at 600V	А	4
Dimensions			
BF00 A BF09 A BF12 A BF18 A BF25 A three poles with			
RF38 thermal overload relay			
$\begin{array}{c} 6.2\\ (0.24^{"}) \\ (0.43^$			
7.9 - 4 $- 14.6$ $(3.20")$			
BF26 00A BF32 00A BF38 00A three poles with RF38 thermal ov	erload relay		
7.9 (0.31") (0.57") (0.31") (0.57") (0.31") (0.57") (0.31") (0.57") (0.31") (0.57")			
Wiring diagrams			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			



Certifications and compliance

RF380400



Compliance

	CSA C22.2 n° 14	
	IEC/EN 60947-1	
	IEC/EN 60947-4-1	
	UL508	
Certifications		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC000406

ETIM 8.0

EC000106 -Thermal overload relay