RFA824200



MOTOR PROTECTION RELAY, PHASE FAILURE/SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), AUTOMATIC RESETTING. DIRECT MOUNTING ON BF40 - BF94 CONTACTORS, 28...42A



Product designation			RFA82
Product type designation			Motor protection relay
General characteristics			Telay
Number of poles		Nr.	3
Overvoltage category			
Pollution degree			3
Frontal IP degree			IP20
Type of release			Thermal
Protection fuse			monnai
	gG (IEC)	А	80
	aM (IEC)	A	50
	K5 (UL)	A	150
Phase failure detection	10 (02)	71	yes
Reset mode			Automatic
Power circuit characteristics			Automatio
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	8
Rated operational voltage		V	690
Operational frequency		v	000
Operational nequency	min	Hz	0
	max	Hz	400
Operational current le	Шах	112	400
Operational current le	Operational current min	А	28
	Operational current max	A	42
Tripping class		~	10A
Test Button			Yes
Trip indicator			yes
Terminals			Value elemen
	type		Yoke clamp
	SCIEW		M5
	width	mm	9 Dhilling 0
Ticktonia a tenano fen tenania ele	tool		Phillips 2
Tightening torque for terminals		N	0.0
	min	Nm	3.9
	max	Nm	3.9
	min	Ibin	2.88
	max	Ibin	2.88
Conductor section			
	A 3 4 4 4 1 1 1 1		
	AWG/kcmil max		2
	AWG/kcmil max		2
Auxiliary circuit characteristics Auxiliary contacts			
	NO	Nr.	1
		Nr. Nr. V	

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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



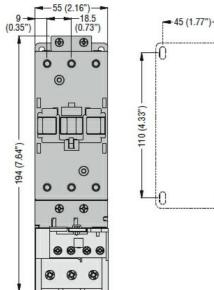
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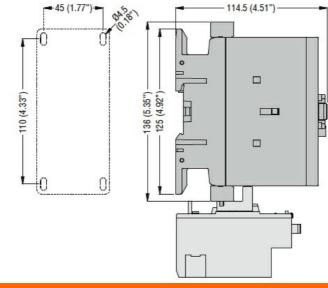
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Operating current AC15			
	24V	А	1.5
	120V	А	1.5
	240V	А	0.75
IEC Conventional free air thermal current Ith		Α	10
Terminals			
			screw and
	Auxiliary circuit type		washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 1
Conductor section			Fillips i
	Auviliant circuit Flovible w/o lug mov	ma ma 2	0 F
	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	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	lbin	0.74
	Auxiliary circuit max	Ibin	0.74
UL/CSA and IEC/EN 60947-5-1 designation			C300-R300
Ambient conditions			
Operating temperature			
	min	°C	-20
	max	°C	55
Storage temperature			
	min	°C	-55
	max	°C	80
Compensation temperature		_	
	min	°C	-15
	max	°C	55
Max altitude	Шах	 	3000
Mechanical features		111	3000
Operating position			
	normal		Vertical plan
	allowable		±30°
			Direct mounting
Fixing			on BF40
			BF94
Weight		g	365
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	А	42
	at 600V	А	42
Dimensions			

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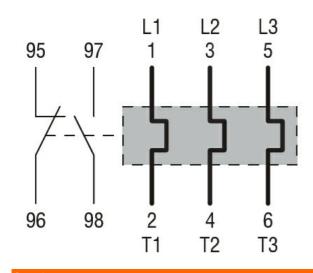


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Wiring diagrams



Certifications and compliance

RFA824200

Compliance		
	CSA C22.2 n° 14	
	IEC/EN 60947-1	
	IEC/EN 60947-4-1	
	UL508	
Certifications		
	cULus	
ETIM classification		
		EC000106 -
ETIM 8.0		Thermal overload

I hermal overload relay

ENERGY AND AUTOMATION