## 11RFN915



MOTOR PROTECTION RELAY, NON PHASE FAILURE/NON SINGLE-PHASE SENSITIVE. THREE-POLE (THREE-PHASE), MANUAL RESETTING. DIRECT MOUNTING ON BG06, BG09, BG12 MINI-CONTACTORS, 9...15A



Product designation			11RFN9
Product type designation			Motor protection 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	40
	aM (IEC)	А	16
	RK5 (UL)	А	45
Phase failure detection			yes
Reset mode			Manual
Power circuit characteristics			
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	8
Rated operational voltage		V	690
Operational frequency			
	min	Hz	0
	max	Hz	400
Operational current le			
	Operational current min	А	9
	Operational current max	А	15
Tripping class			10A
Test Button			Yes
Trip indicator			yes
Terminals			
	t/20		screw and
	type		washer
	screw		M4
	width	mm	9.8
	tool		Phillips 2
Tightening torque for terminals			
	min	Nm	2.3
	max	Nm	2.3
	min	lbin	1.7
	max	Ibin	1.7
Conductor section			
	AWG/kcmil max		10
Auxiliary circuit characteristics			
Auxiliary contacts			
	NO	Nr.	1
	NC	Nr.	1



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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	А	0.75
	500V	А	0.72
	600V	А	0.6
Operating current DC13			
	125V	А	0.11
	600V	А	0.22
IEC Conventional free air thermal current Ith		А	10
Terminals			
	Auxiliary circuit type		screw and
			washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8 Dhilling 4
Conductor conting	Auxiliary circuit tool		Phillips 1
Conductor section			0.5
	Auxiliary circuit Flexible w/o lug max Auxiliary circut Flexible c/w lug max	mm² mm²	2.5 2.5
Tightening torque for terminals	Auxiliary circut Flexible C/w lug max	11111	2.5
rightening torque for terminals	Auxiliary circuit min	Nm	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit max	Ibin	0.74
	Auxiliary circuit max	Ibin	0.74
UL/CSA and IEC/EN 60947-5-1 designation		lon	B600-P600
Ambient conditions			2000 1 000
Operating temperature			
	min	°C	-20
	max	°C	55
Storage temperature			
	min	°C	-55
	max	°C	70
Compensation temperature			
	min	°C	-15
	max	°C	55
Max altitude		m	3000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Their a			Direct mounting
Fixing			on BG06 BG09 BG12
Weight		g	123
UL technical data		Э	
Full-load current (FLA) for three-phase AC motor			
	at 480V	А	15
	at 600V	A	15
Dimensions			- 

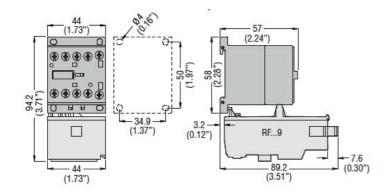
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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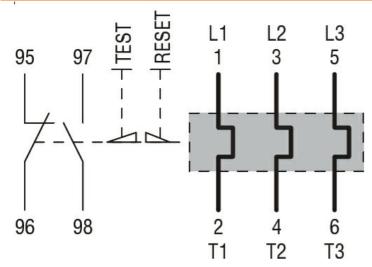


ENERGY AND AUTOMATION

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## Wiring diagrams



## Certifications and compliance

Compliance

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

ETIM 8.0

EC000106 -Thermal overload relay