



Product designation			11RF9
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	A	15
Tripping class			10A
Test Button			yes
Trip indicator			yes
Terminals			,
			screw and
	type		washer
	screw		M4
	width	mm	9.8
	tool		Phillips 2
Tightening torque for terminals			ı
	min	Nm	2.3
	Max	Nm	2.3
	min	Ibin	1.7
	max	Ibin	1.7
Conductor section			
	AWG/kcmil max		10
Auxiliary circuit characteristics			
Auxiliary contacts			
,	NO	nr.	1
	NC	nr.	1
			-

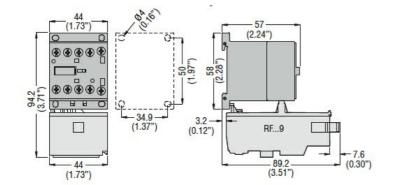


Auxiliary Rated insulation voltage Ui IEC/EN		V	690
Auxiliary Rated impulse withstand voltage Uimp		kV	6
Auxiliary Rated operational voltage		V	690
Dperating current AC15			
	24V	А	3
	120V	А	3
	240V	Α	1.5
	380V	А	0.95
	480V	А	0.75
	500V	А	0.72
	600V	Α	0.6
Operating current DC13			
	125V	А	0.11
	600V	А	0.22
EC Conventional free air thermal current Ith		А	10
erminals			
	Auxilian caincuit tura		screw and
	Auxiliary circuit type		washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 1
Conductor section			
	Auxiliary circuit Flexible w/o lug max	mm²	2.5
	Auxiliary circut Flexible c/w lug max	mm²	2.5
ightening torque for terminals			
	Auxiliary circuit min	Nm	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit min	Ibin	0.74
	Auxiliary circuit max	Ibin	0.74
JL/CSA and IEC/EN 60947-5-1 designation		-	B600-P600
Ambient conditions			
Dperating temperature			
	min	°C	-20
	max	°Č	55
Storage temperature	iiida	~	~~
	min	°C	-55
	max	°C	70
Compensation temperature	IIIdA	0	
	min	°C	-15
	max	°C	-15 55
/lax altitude	IIIdx		3000
Achanical features		m	3000
Derating position			
			\/ortical -la-
	normal		Vertical plan
M/c;~++	allowable		±30°
Veight		g	116
JL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	A	15
	at 600V	Α	15

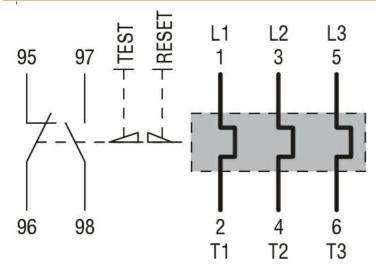
11RF915



11RF915 Przekaźnik termiczny RF9 9-15A



Wiring diagrams



Certifications and compliance

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