



Product designation			11RF9
Product type designation			Motor protection
·· · ·			relay
General characteristics		nr	2
Number of poles		nr.	3 III
Overvoltage category Rellution degree			3
Pollution degree Frontal IP degree			IP20
Type of release Protection fuse			Thermal
Protection fuse	~C (IEC)	۸	40
	gG (IEC)	A	10
	aM (IEC)	A	4
Phase failure detection	RK5 (UL)	Α	10
Reset mode			yes
Power circuit characteristics			manual
		\ /	000
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	8
Rated operational voltage		V	690
Operational frequency			0
	min	Hz	0
	max	Hz	400
Operational current le		۸	_
	Operational current min	A	2
The transfer of the same of th	Operational current min Operational current max	A	3.3
Tripping class			3.3 10A
Test Button			3.3 10A yes
Test Button Trip indicator			3.3 10A
Test Button			3.3 10A yes yes
Test Button Trip indicator			3.3 10A yes yes
Test Button Trip indicator	Operational current max type		3.3 10A yes yes screw and washer
Test Button Trip indicator	Operational current max type screw	A	3.3 10A yes yes screw and washer M4
Test Button Trip indicator	Operational current max type screw width		3.3 10A yes yes screw and washer M4 9.8
Test Button Trip indicator Terminals	Operational current max type screw	A	3.3 10A yes yes screw and washer M4
Test Button Trip indicator	Operational current max type screw width tool	mm	3.3 10A yes yes screw and washer M4 9.8 Phillips 2
Test Button Trip indicator Terminals	Operational current max type screw width tool min	Mm Nm	3.3 10A yes yes screw and washer M4 9.8 Phillips 2
Test Button Trip indicator Terminals	type screw width tool min Max	mm Nm Nm	3.3 10A yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3
Test Button Trip indicator Terminals	type screw width tool min Max min	mm Nm Nm Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7
Test Button Trip indicator Terminals Tightening torque for terminals	type screw width tool min Max	mm Nm Nm	3.3 10A yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3
Test Button Trip indicator Terminals	type screw width tool min Max min max	mm Nm Nm Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7 1.7
Test Button Trip indicator Terminals Tightening torque for terminals Conductor section	type screw width tool min Max min	mm Nm Nm Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7
Test Button Trip indicator Terminals Tightening torque for terminals Conductor section Auxiliary circuit characteristics	type screw width tool min Max min max	mm Nm Nm Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7 1.7
Test Button Trip indicator Terminals Tightening torque for terminals Conductor section	type screw width tool min Max min max AWG/kcmil max	mm Nm Nm Ibin Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7 1.7
Test Button Trip indicator Terminals Tightening torque for terminals Conductor section Auxiliary circuit characteristics	type screw width tool min Max min max	mm Nm Nm Ibin	3.3 10A yes yes yes screw and washer M4 9.8 Phillips 2 2.3 2.3 1.7 1.7

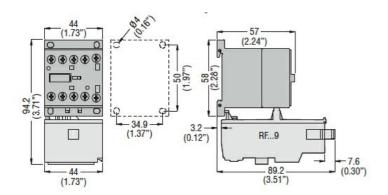


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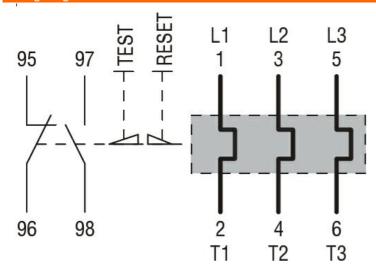
Auxiliary Rated insulation voltage Ui IEC/EN		V	690
uxiliary Rated impulse withstand voltage Uimp		kV	6
uxiliary Rated operational voltage		V	690
perating current AC15			
	24V	Α	3
	120V	Α	3
	240V	Α	1.5
	380V	Α	0.95
	480V	Α	0.75
	500V	Α	0.72
	600V	Α	0.6
Operating current DC13			
	125V	Α	0.11
	600V	Α	0.22
EC Conventional free air thermal current Ith		Α	10
erminals			
	A constitution of a financial territories		screw and
	Auxiliary circuit type		washer
	Auxiliary circuit screw		M3,5
	Auxiliary circuit width	mm	8
	Auxiliary circuit tool		Phillips 1
Conductor section	2 2 7 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
	Auxiliary circuit Flexible w/o lug max	mm²	2.5
	Auxiliary circut Flexible c/w lug max	mm²	2.5
ightening torque for terminals	razinary enedet rexiste e, it lag max		2.0
ighterning torque for terminals	Auxiliary circuit min	Nm	1
	Auxiliary circuit max	Nm	1
	Auxiliary circuit max Auxiliary circuit min	Ibin	0.74
	Auxiliary circuit max	Ibin	0.74
II /CSA and IEC/EN 60047 F 1 decignation	Auxiliary circuit max	IDIII	B600-P600
JL/CSA and IEC/EN 60947-5-1 designation			D000-P000
Ambient conditions			
Operating temperature		° C	00
	min	°C	-20
	max	°C	55
Storage temperature		0.0	
	min	°C	-55
	max	°C	70
Compensation temperature			
	min	°C	-15
	max	°C	55
flax altitude		m	3000
lechanical features			
perating position			
	normal		Vertical plan
	allowable		±30°
Veight		g	116
IL technical data			
ull-load current (FLA) for three-phase AC motor			
, , , , , ,	at 480V	Α	3.3
	at 600V	A	3.3
Dimensions	a. 000 v		5.0



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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