

3



11 RF9...



11 RFA9...

MANUAL RESETTING.

Direct mounting on BG06, BG09, BG12 mini-contactors.

AUTOMATIC RESETTING

Direct mounting on BG06, BG09, BG12 mini-contactors.

NOTE: Two-pole (single phase) versions are available on request.

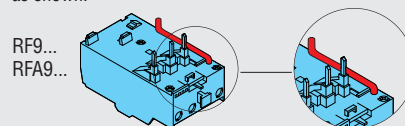
Add the letter "S" in the order code e.g. 11RF9015 is three pole;
11RES9015 two pole.

The appropriate adjustment range of the overload relay should be selected on the basis of the motor nameplate full-load current when across the line starting is considered.

1 The indicated power apply to 4-pole motors; it is advisable to always check that the nameplate motor current is within the relay adjustment range.

② No standard power ratings exist; select relay according to current consumption.

NOTE: To facilitate connection between the auxiliary NC contact of the RF...9 thermal relay and terminal A2 of the contactor, insert the conductor into the appropriate conduit as shown.



Certifications obtained:

● Certified products.

cULus – UL Listed for USA and Canada (File E93601) as Auxiliary Devices – Thermal Overload Relays, 600VAC, open type, ambient compensated, 5000 Amps RMS symmetrical short circuit rating; the trip current is 120% FLA.
CSA – CSA certified for Canada (File 54332) as Auxiliary Devices for use with magnetic contactors.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-4-1, UL508, CSA C22.2 n° 14.

Motor protection relays

Thermal overload relays for BG series mini-contactors

Non phase failure / non single phase sensitive Three poles (three phase)



11 RFN9...



11 RFNA9...

Order code	Adjustment range	Protection fuses			Qty per pkg	Wt
		IEC aM	gG	UL K5		
	[A]	[A]	[A]	[A]	n°	[kg]

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11 RFN9 015	0.09 - 0.15	0.25	—	—	1	0.123
11 RFN9 023	0.14 - 0.23	0.5	—	1	1	0.123
11 RFN9 033	0.2 - 0.33	0.5	1	1	1	0.123
11 RFN9 05	0.3 - 0.5	1	2	3	1	0.123
11 RFN9 075	0.45 - 0.75	1	2	3	1	0.123
11 RFN9 1	0.6 - 1	2	4	3	1	0.123
11 RFN9 1V5	0.9 - 1.5	2	4	6	1	0.123
11 RFN9 2V3	1.4 - 2.3	4	6	10	1	0.123
11 RFN9 33	2 - 3.3	4	10	10	1	0.123
11 RFN9 5	3 - 5	6	16	15	1	0.123
11 RFN9 75	4.5 - 7.5	8	20	25	1	0.123
11 RFN9 10	6 - 10	10	32	30	1	0.123
11 RFN9 15	9 - 15	16	40	45	1	0.123

AUTOMATIC RESETTING.

Direct mounting on BG06, BG09, BG12 mini-contactors.

11 RFNA9 015	0.09 - 0.15	0.25	—	—	1	0.123
11 RFNA9 023	0.14 - 0.23	0.5	—	1	1	0.123
11 RFNA9 033	0.2 - 0.33	0.5	1	1	1	0.123
11 RFNA9 05	0.3 - 0.5	1	2	3	1	0.123
11 RFNA9 075	0.45 - 0.75	1	2	3	1	0.123
11 RFNA9 1	0.6 - 1	2	4	3	1	0.123
11 RFNA9 1V5	0.9 - 1.5	2	4	6	1	0.123
11 RFNA9 2V3	1.4 - 2.3	4	6	10	1	0.123
11 RFNA9 33	2 - 3.3	4	10	10	1	0.123
11 RFNA9 5	3 - 5	6	16	15	1	0.123
11 RFNA9 75	4.5 - 7.5	8	20	25	1	0.123
11 RFNA9 10	6 - 10	10	32	30	1	0.123
11 RFNA9 15	9 - 15	16	40	45	1	0.123

NOTE: The appropriate adjustment range of the overload relay should be selected on the basis of the motor nameplate full-load current when across the line starting is considered.

Three-phase IEC motor powers ①

230V	400V	415V	440V	500V	690V
[kW]	[kW]	[kW]	[kW]	[kW]	[kW]

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0.37
0	0	0	0.37	0.37	0.55
0	0	0.55	0.55	0.55	0.75
0.37	0.55-0.75	0.75	0.75	1.1	1.1-1.5
0.55	1.1	1.1	1.1-1.5	1.5	2.2
0.75-1.1	1.5	1.5-2.2	2.2	2.2	3-3.7
1.5	2.2-3	3-3.7	3-3.7	3-3.7	4
2.2	3.7-4	4	3.7-4	4-5.5	—
3.2	5.5	5.5-7.5	5.5	—	—