

Phase failure / single phase sensitive Three poles (three phase)

3



11 RF9...



11 RFA9...

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

MANUAL RESETTING.

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

11 RF9 015	0.09 - 0.15	0.25	—	—	1	0.116
11 RF9 023	0.14 - 0.23	0.5	—	1	1	0.116
11 RF9 033	0.2 - 0.33	0.5	1	1	1	0.116
11 RF9 05	0.3 - 0.5	1	2	3	1	0.116
11 RF9 075	0.45 - 0.75	1	2	3	1	0.116
11 RF9 1	0.6 - 1	2	4	3	5	0.116
11 RF9 1V5	0.9 - 1.5	2	4	6	5	0.116
11 RF9 2V3	1.4 - 2.3	4	6	10	5	0.116
11 RF9 33	2 - 3.3	4	10	10	5	0.116
11 RF9 5	3 - 5	6	16	15	5	0.116
11 RF9 75	4.5 - 7.5	8	20	25	5	0.116
11 RF9 10	6 - 10	10	32	30	5	0.116
11 RF9 15	9 - 15	16	40	45	5	0.116

AUTOMATIC RESETTING.

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

11 RFA9 015	0.09 - 0.15	0.25	—	—	1	0.116
11 RFA9 023	0.14 - 0.23	0.5	—	1	1	0.116
11 RFA9 033	0.2 - 0.33	0.5	1	1	1	0.116
11 RFA9 05	0.3 - 0.5	1	2	3	1	0.116
11 RFA9 075	0.45 - 0.75	1	2	3	1	0.116
11 RFA9 1	0.6 - 1	2	4	3	1	0.116
11 RFA9 1V5	0.9 - 1.5	2	4	6	1	0.116
11 RFA9 2V3	1.4 - 2.3	4	6	10	1	0.116
11 RFA9 33	2 - 3.3	4	10	10	1	0.116
11 RFA9 5	3 - 5	6	16	15	1	0.116
11 RFA9 75	4.5 - 7.5	8	20	25	1	0.116
11 RFA9 10	6 - 10	10	32	30	1	0.116
11 RFA9 15	9 - 15	16	40	45	1	0.116

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

Add the letter "S" in the order code e.g. 11RF9015 is three pole; 11RFS9015 two pole.

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

Three-phase IEC motor powers ①

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

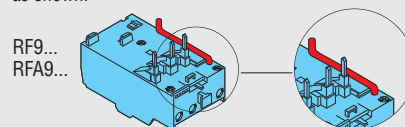
0.37	0.37	0.37	0.37	0.37	0.37
0.55	0.55	0.55	0.55	0.55	0.55
0.75	0.75	0.75	0.75	0.75	0.75
1.1	1.1	1.1	1.1	1.1	1.1
1.5	1.5	1.5	1.5	1.5	1.5
2.2	2.2	2.2	2.2	2.2	2.2
3	3	3	3	3	3
4	4	4	4	4	4
5.5	5.5	5.5	5.5	5.5	5.5
7.5	7.5	7.5	7.5	7.5	7.5
11	11	11	11	11	11
15	15	15	15	15	15
22	22	22	22	22	22
30	30	30	30	30	30
37	37	37	37	37	37
45	45	45	45	45	45
55	55	55	55	55	55
75	75	75	75	75	75
90	90	90	90	90	90
110	110	110	110	110	110
150	150	150	150	150	150
200	200	200	200	200	200
250	250	250	250	250	250
300	300	300	300	300	300
350	350	350	350	350	350
400	400	400	400	400	400
450	450	450	450	450	450
500	500	500	500	500	500
550	550	550	550	550	550
600	600	600	600	600	600
650	650	650	650	650	650
700	700	700	700	700	700
750	750	750	750	750	750
800	800	800	800	800	800
850	850	850	850	850	850
900	900	900	900	900	900
950	950	950	950	950	950
1000	1000	1000	1000	1000	1000

0.37	0.37	0.37	0.37	0.37	0.37
0.55	0.55	0.55	0.55	0.55	0.55
0.75	0.75	0.75	0.75	0.75	0.75
1.1	1.1	1.1	1.1	1.1	1.1
1.5	1.5	1.5	1.5	1.5	1.5
2.2	2.2	2.2	2.2	2.2	2.2
3	3	3	3	3	3
4	4	4	4	4	4
5.5	5.5	5.5	5.5	5.5	5.5
7.5	7.5	7.5	7.5	7.5	7.5
11	11	11	11	11	11
15	15	15	15	15	15
22	22	22	22	22	22
30	30	30	30	30	30
37	37	37	37	37	37
45	45	45	45	45	45
55	55	55	55	55	55
75	75	75	75	75	75
90	90	90	90	90	90
110	110	110	110	110	110
150	150	150	150	150	150
200	200	200	200	200	200
250	250	250	250	250	250
300	300	300	300	300	300
350	350	350	350	350	350
400	400	400	400	400	400
450	450	450	450	450	450
500	500	500	500	500	500
550	550	550	550	550	550
600	600	600	600	600	600
650	650	650	650	650	650
700	700	700	700	700	700
750	750	750	750	750	750
800	800	800	800	800	800
850	850	850	850	850	850
900	900	900	900	900	900
950	950	950	950	950	950
1000	1000	1000	1000	1000	1000

① The indicated powers 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 and compliance

Certifications obtained:

Type	cULus	CSA	EAC	CCC
RF9... - RFA9...	●	●	●	●

● Certified products.

cULus – UL Listed for USA and Canada (cULus - 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 only (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.