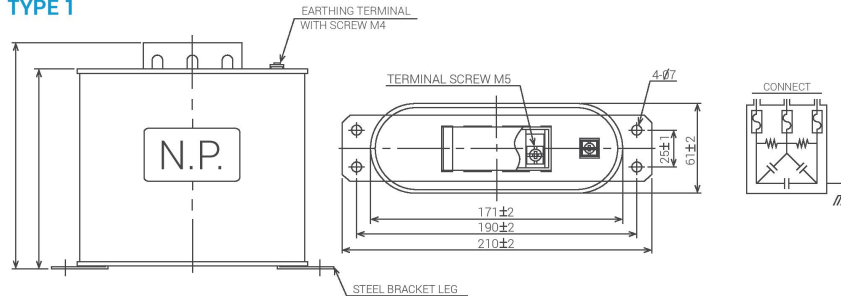
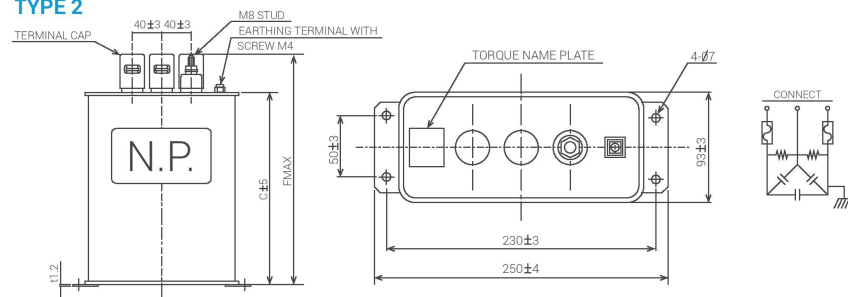


TYPE 1



TYPE 2



RATING & DIMENSIONS (mm.)

NO.	CODE NO.	RATED			DIMENSION (mm.)		GROSS MASS	TYPE
		VOLTAGE	CAP	CURRENT	C	F		
1	RF141550C1EX	415 V	5 kvar	6.95A	150	170	1.4 kg.	1
2	RF141575C1EX		7.5 kvar	10.43A	150	170	1.4 kg.	
3	RF14151001EX		10 kvar	13.91A	150	170	1.4 kg.	
4	RF14151301EX		12.5 kvar	17.39A	210	230	2.0 kg.	
5	RF14151501EX		15 kvar	20.86A	210	230	2.0 kg.	
6	RF14152001EX		20 kvar	27.82A	250	270	2.4 kg.	2
7	RF14152501EX		25 kvar	34.78A	250	270	2.4 kg.	
8	RF14153001EX		30 kvar	41.70A	240	290	6.0 kg.	
9	RF14154001EX		40 kvar	55.60A	300	350	7.0 kg.	
10	RF14155001EX		50 kvar	69.90A	350	400	8.0 kg.	
1	RF144050C1EX	440 V	5 kvar	6.6A	150	170	1.4 kg.	1
2	RF144075C1EX		7.5 kvar	9.8A	150	170	1.4 kg.	
3	RF14401001EX		10 kvar	13.1A	150	170	1.4 kg.	
4	RF14401301EX		12.5 kvar	16.4A	210	230	2.0 kg.	
5	RF14401501EX		15 kvar	19.7A	210	230	2.0 kg.	
6	RF14401801EX		17.5 kvar	23.0A	250	270	2.4 kg.	2
7	RF14402001EX		20 kvar	26.2A	250	270	2.4 kg.	
8	RF14402501EX		25 kvar	32.8A	250	270	2.4 kg.	
9	RF14403001EX		30 kvar	39.4A	240	290	6.0 kg.	
10	RF14404001EX		40 kvar	52.5A	300	350	7.0 kg.	
11	RF14405001EX		50 kvar	66.6A	350	400	8.0 kg.	
1	RF152550C1EX	525 V	5 kvar	5.5A	150	170	1.4 kg.	1
2	RF152575C1EX		7.5 kvar	8.2A	150	170	1.4 kg.	
3	RF15251001EX		10 kvar	11.0A	150	170	1.4 kg.	
4	RF15251301EX		12.5 kvar	13.8A	210	230	2.0 kg.	
5	RF15251501EX		15 kvar	16.5A	210	230	2.0 kg.	
6	RF15251801EX		17.5 kvar	19.2A	210	230	2.4 kg.	2
7	RF15252001EX		20 kvar	22.0A	250	270	2.4 kg.	
8	RF15252501EX		25 kvar	27.5A	250	270	2.4 kg.	
9	RF15253001EX		30 kvar	33.0A	240	290	6.0 kg.	
10	RF15254001EX		40 kvar	44.0A	300	350	7.0 kg.	
11	RF15255001EX		50 kvar	55.0A	350	400	8.0 kg.	

LOW VOLTAGE POWER CAPACITOR

- Pressure sensitive interrupter safety device
- Rated Voltage : 415VAC, 440VAC, 525VAC
- Rated output in Kvar : 5 ~ 50 Kvar

APPLIED STANDARD

All capacitors are designed, manufactured and tested to meet the requirements of IEC 60831-1, 2

OPERATING CONDITIONS

Installation : Indoor
Ambient temperature : -25°C to +45°C
Altitude : Not exceeding 2000 meters above sea level

TYPE AND RATINGS

1. Type : RF-T
2. Rated voltage : see the table shown on page 4
3. Rated output in kvar : see the table shown on page 4
4. Rated frequency : 50 Hz
5. Phase and connection : Three (3) phase and delta



DESIGN AND CONSTRUCTION

1. The capacitor containers is coated with non-corrosive poly-urethane resin enamel in Munsell colour notation 5Y7/1 for extended maintenance free service life.
2. The capacitors are normally designed to suit for mounting in vertical position with protective cover terminals on top.
3. Capacitor type RF-3T are manufactured with specially processed metallized polypropylene film impregnated with wax, within at tin plate casing and hermetically sealed.

ELECTRICAL CHARACTERISTICS

1. **Discharge device :** The capacitors are provided with an internal discharge resistor which will reduce the residual voltage from the peak value to 75 volts or less within a maximum time of 3 minutes after they are disconnected form the source of supply.

SAFETY FEATURES

Capacitance (Output) : within +10% and -5%

Dielectric loss : shall be 0.2 watt/kvar (discharge resistors included)

Maximum permissible overloads/current : not exceeding 1.3 times of the rated current

Maximum permissible overloads/voltage : shown on below chart

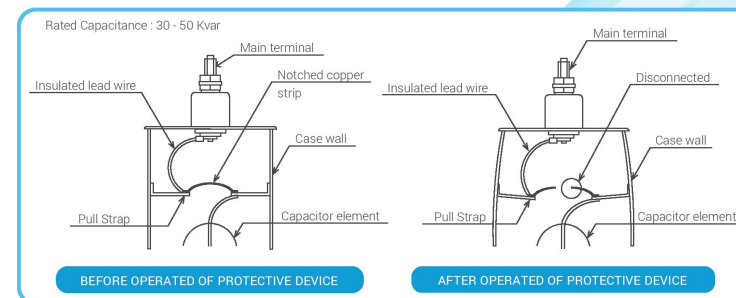
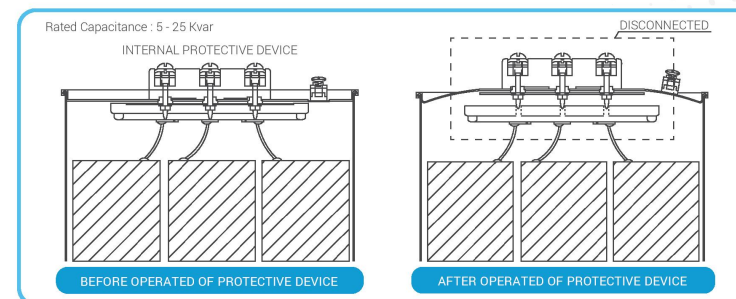
MAXIMUM PERMISSIBLE VOLTAGES VS DURATION

VOLTAGE FACTOR (X rated voltage)	MAXIMUM DURATION
1.10	8 hours max. in every 24 hours
1.15	30 minutes max. in every 24 hours
1.20	5 minutes max. x 2 times max. in a month
1.30	1 minutes max. x 2 times in a month

INTERNAL PROTECTIVE DEVICE

Should the internal pressure build-up resulting from continuous dielectric breakdown. In result, the sensitive pressure interrupter between the capacitor elements and terminal will, detach the capcitor from the electrical circuit.

INTERNAL PROTECTIVE DEVICE : RF-T



WARRANTY

Company warrants these capacitors against defects in materials and workmanship for One (1) full year from date of installation. Exception for capacitors on networks that are damage by harmonic, overvoltage, overcurrent and over ambient temperature refer to IEC No.60831-1

NOTE

We reserve the right to alter or modify the information contained herein at any time in the light of technical or other developments.

We do not accept any responsibility for any misuse of the product and cannot be held liable for indirect or consequential damages.