FIXED PFC SYSTEMS RFT
SEMI-AUTOMATIC PFC SYSTEMS RFM

for 400 V ÷ 440 V supply

The RFT series is directly connected to the load that needs to be compensated.
The RFM series is also made by contactors that may be switched on and off through an auxiliary N.O. contact.
In both the solutions three leds show the following features: the presence of the supply voltage, the failure of the capacitors and the issue on the fuses.

TECHNICAL FEATURES

- Indoor installation
- IP30 protection degree with locked door
- RAL 7035 color
- 3P/3W supply
- Top cable entry
- Protection switch
- Protection with NH00 fuses
- 3 leds on the front door
- **EPCOS** resin-filled capacitors
- **EPCOS** N_2-filled capacitors for **HG** series
- **HD** 3-phase contactors with pre-charge resistors (only for RFM series)

DIMENSIONS (mm)

RFT1 - **RFM1**: **W** = 280 **H** = 615 **D** = 235
RFT2 - **RFM2**: **W** = 430 **H** = 650 **D** = 280
RFT3 - **RFM3**: **W** = 510 **H** = 775 **D** = 280

ON REQUEST

- **IP 54 Solution**: S/N: K ☐ ☐ ☐ ☐ ☐ 5 ☐
  Dimensions (mm):
  RFT1 - **RFM1**: **W** = 400 **H** = 600 **D** = 250
  RFT2 - **RFM2**: **W** = 600 **H** = 800 **D** = 250
  RFT3 - **RFM3**: **W** = 600 **H** = 1000 **D** = 250

CE **CERTIFICATION - Standards:**

CEI EN 61439 - 1/2, CEI EN 61921 - 1, CEI EN 60831 - 1/2

RFT	Nominal Power kvar	Nominal Current A	Weight kg	S/N
RFT 1 - 5 - 440 V	5	6	11,2	JK005430
RFT 1 - 7,5 - 440 V	7,5	9	11,5	JK007430
RFT 1 - 10 - 440 V	10	12	11,7	JK010430
RFT 1 - 12,5 - 440 V	12,5	15	12,2	JK012430
RFT 1 - 15 - 440 V	15	18	12,5	JK015430
RFT 1 - 20 - 440 V	20	24	13,0	JK020430
RFT 1 - 25 - 440 V	25	30	13,0	JK025430
RFT 1 - 30 - 440 V	30	36	13,8	JK030430
RFT 2 - 40 - 440 V	40	48	22,0	JM040430
RFT 2 - 50 - 440 V	50	60	23,0	JM050430
RFT 2 - 60 - 440 V	60	72	24,3	JM060430
RFT 3 - 75 - 440 V	75	90	34,7	JP075430
RFT 3 - 90 - 440 V	90	108	36,5	JP090430
RFT 3 - 105 - 440 V	105	126	37,5	JP105430
RFT 3 - 120 - 440 V	120	144	39,0	JP120430

RFM	Weight kg	S/N
RFM 1 - 5 - 440 V	11,7	KK005430
RFM 1 - 7,5 - 440 V	12	KK007430
RFM 1 - 10 - 440 V	12,2	KK010430
RFM 1 - 12,5 - 440 V	12,7	KK012430
RFM 1 - 15 - 440 V	13,0	KK015430
RFM 1 - 20 - 440 V	13,5	KK020430
RFM 1 - 25 - 440 V	13,5	KK025430
RFM 1 - 30 - 440 V	13,8	KK030430
RFM 2 - 40 - 440 V	22,5	KM040430
RFM 2 - 50 - 440 V	24,0	KM050430
RFM 2 - 60 - 440 V	25,3	KM060430
RFM 3 - 75 - 440 V	36,2	KP075430
RFM 3 - 90 - 440 V	38,0	KP090430
RFM 3 - 105 - 440 V	40,0	KP105430
RFM 3 - 120 - 440 V	41,8	KP120430

RFT HG	N_2 - FILLED CAPACITORS Nominal Power	Nominal Current	Weight kg	S/N
RFT 1 HG - 5 - 440 V	5	6	12,0	JL005430
RFT 1 HG - 7,5 - 440 V	7,5	9	12,2	JL007430
RFT 1 HG - 12,5 - 440 V	12,5	15	12,2	JL012430
RFT 1 HG - 15 - 440 V	15	18	12,4	JL015430
RFT 1 HG - 25 - 440 V	25	30	13,3	JL025430
RFT 1 HG - 30 - 440 V	30	36	13,3	JL030430
RFT 2 HG - 40 - 440 V	40	48	24,2	JN040430
RFT 2 HG - 50 - 440 V	50	60	25,0	JN050430
RFT 2 HG - 60 - 440 V	60	72	26,3	JN060430
RFT 3 HG - 75 - 440 V	75	90	31,8	JQ075430
RFT 3 HG - 90 - 440 V	90	108	32,7	JQ090430
RFT 3 HG - 105 - 440 V	105	126	34,2	JQ105430
RFT 3 HG - 120 - 440 V	120	144	35,0	JQ120430

N_2 - FILLED CAPACITORS RFM HG	Weight kg	S/N
RFM 1 HG - 5 - 440 V	12,4	KL005430
RFM 1 HG - 7,5 - 440 V	12,6	KL007430
RFM 1 HG - 12,5 - 440 V	12,6	KL012430
RFM 1 HG - 15 - 440 V	12,8	KL015430
RFM 1 HG - 25 - 440 V	13,7	KL025430
RFM 1 HG - 30 - 440 V	13,7	KL030430
RFM 2 HG - 40 - 440 V	25,2	KN040430
RFM 2 HG - 50 - 440 V	26,0	KN050430
RFM 2 HG - 60 - 440 V	27,3	KN060430
RFM 3 HG - 75 - 440 V	33,8	KQ075430
RFM 3 HG - 90 - 440 V	34,7	KQ090430
RFM 3 HG - 105 - 440 V	36,5	KQ105430
RFM 3 HG - 120 - 440 V	37,4	KQ120430