

r46fix

50 kvar at 400 V 50 Hz

Code	FTR4650
Rated Voltage	400 ÷ 415 V ± 10%
Rated Frequency	50 Hz
Capacitors Voltage	460 V
THDi max	≤ 19%
Power (400 V)	50 kvar
Rated Current	72 A
Temperature class	-5 / +52°C
Insulating Voltage	690 V
Max overcurrent	1,3 In
Total losses	< 2 W/kvar
Reference standards	EN61921, EN61439-1



Capacitors

Three-phase metallized polypropylene Capacitors with Oil, "dry type", MKPR Series, Rated Voltage 460 V, Operating Voltage 400 V, Insulation Voltage 690 V, equipped with discharge resistors, overpressure safety device and IP20 terminals. Dielectric losses < 0,2W/kVAr. Reference Standards IEC60831-1/2, UL N.810, CSA

Overvoltage: 460 V (24h), 510 V (8h), 535 V (30m), 555 V (5m), 600 V (1m), 1410 V (Picco)

Overcurrent: 2In (24h), 3In (30m), 4In (15m), 10In (Picco)

Switch Disconnecter

N. 1 Switch Disconnectors with door interlock sized 1,5 time the nominal current of PFC Unit as per EN61921, 3*125 A

Fuses

NH00 Fuses 100 kA for the protection of each capacitor bank. Auxiliary circuits are protected through 10,3 x 38 Fuses

Cabinet

Sheet-steel enclosure 15 and 20/10, painted with epoxy dust paint, colour RAL7035 (others on request).

Protection degree IP30 external, IP00 internal (IP20 with open doors on live parts).

Internal wiring made with cables are FS17 type, Reference standards CEI EN 50575, CEI UNEL 35716, CEI EN 50525 e CPR UE305/11.).

Incoming cables	From the Top
Dimensions / Weight	(W*H*D) 304*370*267 mm / 23 Kg
Ventilation	Ventilation Natural