



## **FH30 MULTIMATIC**

Product code	IN7JFF314050702
Reactive power Ue=400V	140 kvar
Reactive power Ue=415V	150 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	550 V
Capacitors max voltage Umax	600 V
Frequency	50 Hz
THDI <sub>R</sub> %	100%
I <sub>250Hz</sub> %	>25%
THDV <sub>R</sub> %	≤6%
Detuning frequency f <sub>D</sub>	135 Hz
Steps	20-40-80 kvar
Electrical steps number	7
Banks	60-80 kvar
Load break switch	400 A
Icc	25 kA
Controller	8BGA
IP degree	IP4X
Dimensions WxDxH	610x670x1760mm
Weight	260 kg



This image is indicative only.

NOTE Icc value: Other values upon request.

## Standard features

1.3 ln
1,3 In (continuous) 2 In (x380s every 60 minutes) 3 In (x150s every 60 minutes) 4 In (x70s every 60 minutes) 5 In (x45s every 60 minutes)
1,1xUe
3xUn (for 1 minute)
690V
-5/+40°C
-25/+55°C
mounted on each bank
indoor
continuous
delta
~ 8W/kvar
zinc passivation
IEC 61439-1/2, IEC 61921
IEC 60831-1/2



## POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE CAPACITORS



## Generalities

Zink-passivated metallic enclosure painted with epossidic dust paint, colour RAL 7035.

Auxiliary transformer to separate power and auxiliary circuit parts (110V).

Load-break switch with door interlock.

Contactors for capacitive loads.

FS17 450/750V self-extinguish cable according to EN 50525 - EN 50575 - EN 50575/A1.

Microprocessor Power Factor Correction relay.

Control and protection multimeter MCP5, integrated in 8BGA controller (MULTImatic version).

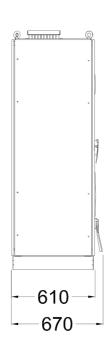
CRM25 single phase self-healing metallized polypropylene capacitor with Un=550V rated voltage.

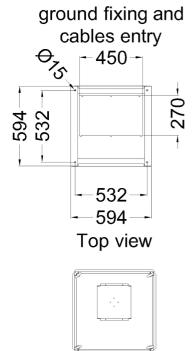
Three phase detuning choke with tuning frequency fD=135Hz (N=2.7-p%=13.7%).











Bottom view