



FH30.S MULTIMATIC

| Product code | IU7JFF310050872 |
|-----------------------------------|-----------------|
| Reactive power Ue=400V | 100 kvar |
| | |
| Reactive power Ue=415V | 107 kvar |
| Nominal voltage Ue | 400-415V |
| Capacitors voltage Un | 550 V |
| Capacitors max voltage Umax | 600 V |
| Frequency | 50 Hz |
| THDI _R % | 100% |
| I _{250Hz} % | >25% |
| THDV _R % | ≤6% |
| Detuning frequency f _D | 135 Hz |
| Steps | 20-2x40 kvar |
| Electrical steps number | 5 |
| Banks | 20-2x40 kvar |
| Load break switch | 250 A |
| lcc | 17 kA |
| Controller | 8BGA |
| IP degree | IP4X |
| Dimensions WxDxH | 610x670x1760mm |
| Weight | 300 kg |

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.

Thyristor switches (SCR).

Total switching time 60 milliseconds.

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.

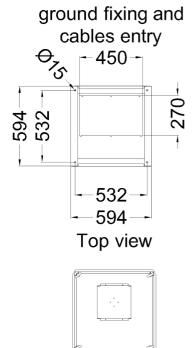
Three phase detuning choke with tuning frequency fD=135Hz (N=2.7-p%=13.7%).











Bottom view