



FH20.S MULTIMATIC IP55

| Product code | IV7AFF388050786 |
|-----------------------------------|-----------------|
| Reactive power Ue=400V | 880 kvar |
| | |
| Reactive power Ue=415V | 942 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 | 180 Hz |
| Steps | 80-5x160 kvar |
| Electrical steps number | 11 |
| Banks | 11x80 kvar |
| Load break switch | 2x1250 A |
| Icc | 50 kA |
| Controller | 8BGA |
| IP degree | IP55 |
| Dimensions WxDxH | 1432x777x2360mm |
| Weight | 1100 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 |
| ~ 6W/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 (MIDImatic and MULTImatic version).

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

Three phase detuning choke with tuning frequency fD=180Hz (N=3.6-p%=7.7%).

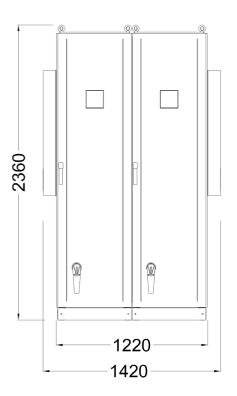




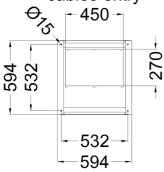
Min. distance from the Min. distance from the wall: 250mm

wall: 250mm

Bottom view ground fixing and cables entry







Top view

