# HP10 MULTIMATIC IP55

| | |
|---|---|
| **Product code** | IP0AKF380050700 |
| **Reactive power Ue=400V** | 750 kvar |
| **Reactive power Ue=415V** | 800 kvar |
| **Nominal voltage Ue** | 400-415V |
| **Capacitors voltage Un** | 415 V |
| **Capacitors max voltage Umax** | 455 V |
| **Frequency** | 50 Hz |
| **$THDI_R$%** | ≤12% |
| **THDIC%** | ≤50% |
| **Steps** | 2x75-4x150 kvar |
| **Electrical steps number** | 10 |
| **Banks** | 5x150 kvar |
| **Load break switch** | 2x1250 A |
| **Icc** | 50 kA |
| **Controller** | 8BGA |
| **IP degree** | IP55 |
| **Dimensions WxDxH** | 1220x777x1760mm |
| **Weight** | 520 kg |

*NOTE Icc value: Other values upon request.*

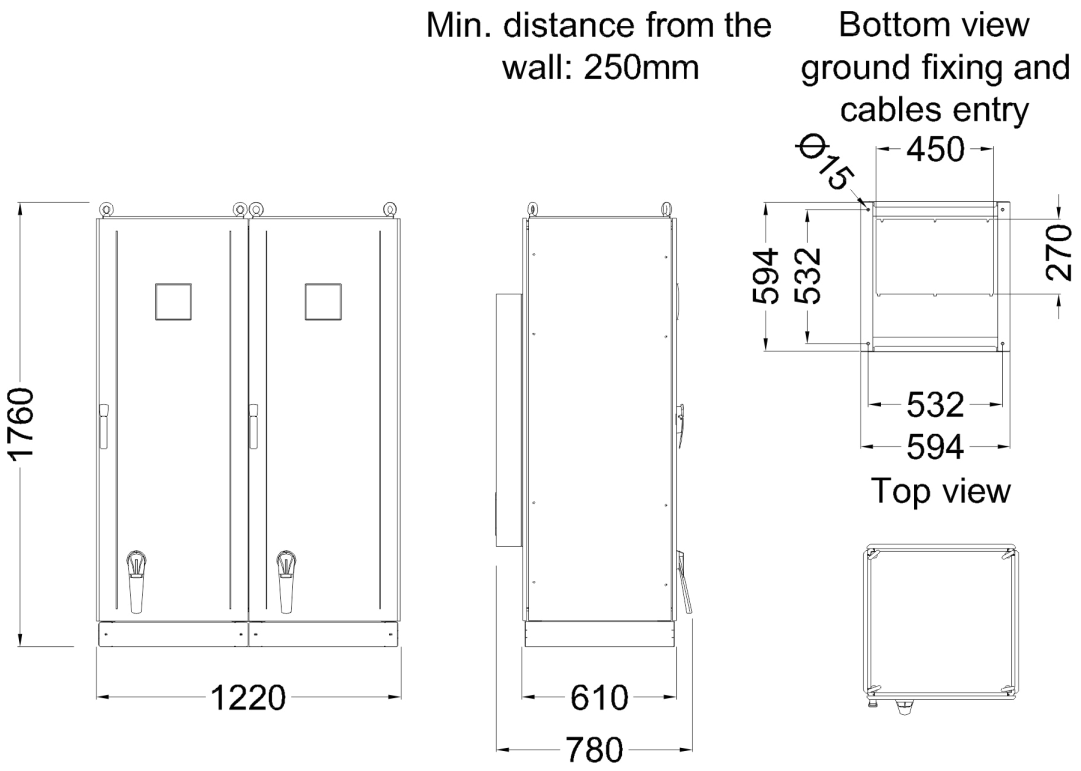
## Standard features

| | |
|---|---|
| **Max current overload In** | 1.3 In |
| **Max current overload In (capacitors)** | 1,3 In (continuous)<br>2 In (x380s every 60 minutes)<br>3 In (x150s every 60 minutes)<br>4 In (x70s every 60 minutes)<br>5 In (x45s every 60 minutes) |
| **Max overload Vn** | 1,1xUe |
| **Max overload Vn (capacitors)** | 3xUn (for 1 minute) |
| **Insulation voltage** | 690V |
| **Temperature class** | -5/+40°C |
| **Temperature class (capacitors)** | -25/+55°C |
| **Discharge device** | mounted on each bank |
| **Installation** | outdoor |
| **Service** | continuous |
| **Internal connection** | delta |
| **Total losses** | ~ 2W/kvar |
| **Inner surface finish** | zinc passivation |
| **Standards (bank)** | IEC 61439-1/2, IEC 61921 |
| **Standards (capacitors)** | IEC 60831-1/2 |

R1832024

## 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. |
| Special contactors with damping resistors to limit capacitors inrush current (AC6b). |
| FS17 450/750V self-extinguish cable according to EN 50525 - EN 50575 - EN 50575/A1. |
| Microprocessor Power Factor Correction relay. |
| CRM25 single phase self-healing metallized polypropylene capacitor with Un=415V rated voltage. |
| |


Min. distance from the wall: 250mm
Bottom view ground fixing and cables entry
Ø15
450
594
532
270
532
594
Top view
1760
1220
610
780