

HP10 MINIMATIC IP55

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| Product code | IJ0AKF319250654 |
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| Reactive power Ue=400V | 180 kvar |
| Reactive power Ue=415V | 192 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 | 15-30-60-75 kvar |
| Electrical steps number | 12 |
| Banks | 30-2x75 kvar |
| Load break switch | 400 A |
| lcc | 9 kA |
| Controller | 5LGA |
| IP degree | IP55 |
| Dimensions WxDxH | 600x440x1500mm |
| Weight | 60 kg |
| NOTE lcc value: Other values upon request. | |
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| Standard features | |
| Max current overload In | 1.3 ln |
| | 1,3 In (continuous) 2 In (x380s every 60 minutes) |

| Max current overload In (capacitors) | 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) |
|--------------------------------------|---|
| 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 |
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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.

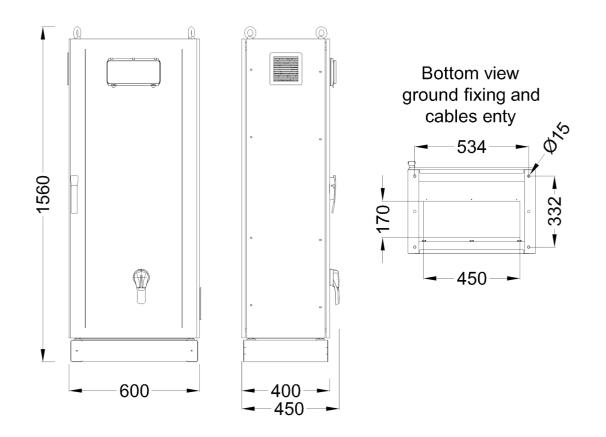
Special contactors with damping resistors to limit capacitors inrush current (AC6b).

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.

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OSLEV[%][±]

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