

## HP10 MINIMATIC IP55

|                                    |                   |
|------------------------------------|-------------------|
| <b>Product code</b>                | IJOAKF324050654   |
| <b>Reactive power Ue=400V</b>      | 225 kvar          |
| <b>Reactive power Ue=415V</b>      | 240 kvar          |
| <b>Nominal voltage Ue</b>          | 400-415V          |
| <b>Capacitors voltage Un</b>       | 415 V             |
| <b>Capacitors max voltage Umax</b> | 455 V             |
| <b>Frequency</b>                   | 50 Hz             |
| <b>THDI<sub>R</sub>%</b>           | ≤12%              |
| <b>THDIC%</b>                      | ≤50%              |
| <b>Steps</b>                       | 15-30-60-120 kvar |
| <b>Electrical steps number</b>     | 15                |
| <b>Banks</b>                       | 3x75 kvar         |
| <b>Load break switch</b>           | 500 A             |
| <b>Icc</b>                         | 9 kA              |
| <b>Controller</b>                  | 5LGA              |
| <b>IP degree</b>                   | IP55              |
| <b>Dimensions WxDxH</b>            | 600x440x1500mm    |
| <b>Weight</b>                      | 69 kg             |

NOTE Icc value: Other values upon request.

### Standard features

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

## 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  $U_n=415V$  rated voltage.

