

## HP10 MINIMATIC IP55

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Product code	IJ0AKF324050654
Reactive power Ue=400V	225 kvar
Reactive power Ue=415V	240 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	415 V
Capacitors max voltage Umax	455 V
Frequency	50 Hz
THDI <sub>R</sub> %	≤12%
THDIC%	≤50%
Steps	15-30-60-120 kvar
Electrical steps number	15
Banks	3x75 kvar
Load break switch	500 A
lcc	9 kA
Controller	5LGA
IP degree	IP55
Dimensions WxDxH	600x440x1500mm
Weight	69 kg
NOTE lcc value: Other values upon request.	
Standard features	
Max current overload In	1.3 ln
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 avarland Vn	1 1 1 1 0

	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

## 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.

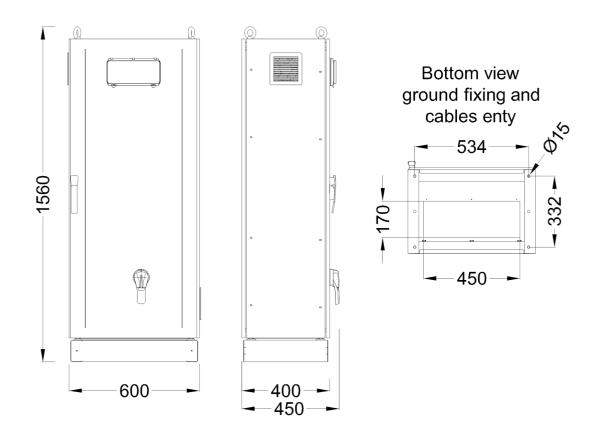
Special contactors with damping resistors to limit capacitors inrush current (AC6b).

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<sup>%</sup><sup>±</sup>

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