HP10 MULTIMATIC IP55

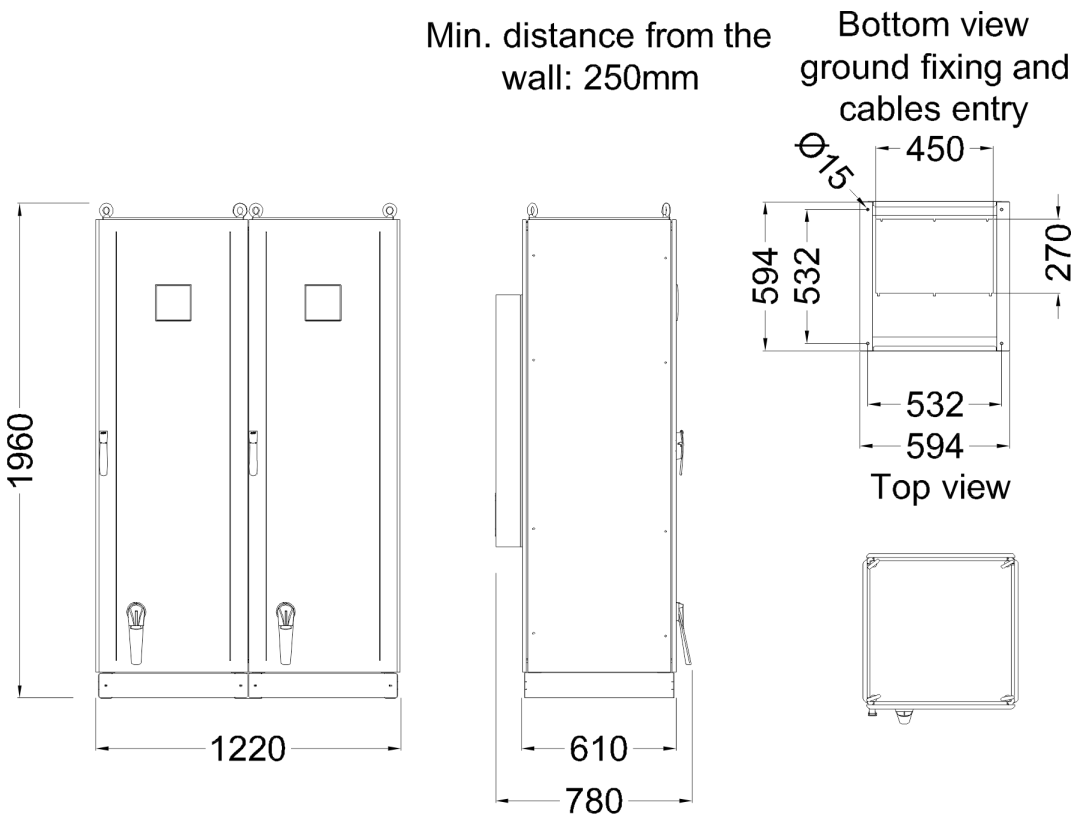
Product code (Ue=400V)	IP0AKF310450700
Reactive power Ue=400V	975 kvar
Reactive power Ue=415V	1040 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	415 V
Capacitors max voltage Umax	455 V
Frequency	50 Hz
$THDI_R$%	≤12%
Steps Ue=400V	2x97,5-4x195 kvar
Electrical steps number	10
Banks	75-6x150 kvar
Load break switch	2x1250 A
Icc	50 kA
Controller	8BGA
IP degree	IP55
Dimensions WxDxH	1220x777x1960mm
Weight	620 kg

Standard features

Max current overload In (bank)	1.3 In
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 (bank)	1,1xUe
Max overload Vn (capacitors)	3xUn (for 1 minute)
Insulation voltage	690V
Temperature class (bank)	-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

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
1960
1220
610
780