HP30-60HZ MULTIMATIC

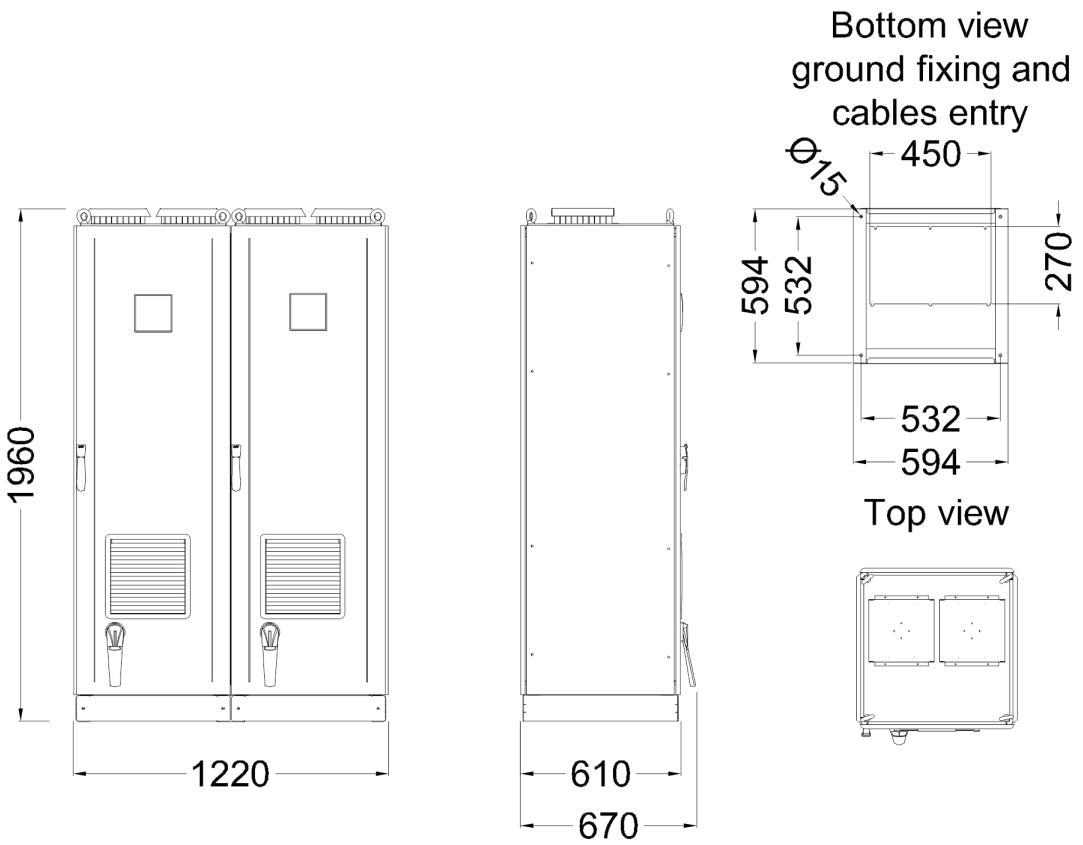
Product code (Ue=400V)	IN2DFF380060700
Reactive power Ue=400V	800 kvar
Nominal voltage Ue	400V
Capacitors voltage Un	550 V
Capacitors max voltage Umax	600 V
Frequency	60 Hz
$THDI_R$%	≤20%
Steps Ue=400V	2x80-4x160 kvar
Electrical steps number	10
Banks	8x100 kvar
Load break switch	2x1250 A
Icc	50 kA
Controller	8BGA
IP degree	IP4X
Dimensions WxDxH	1220x670x1960mm
Weight	kg

Standard features

Max current overload In (bank)	1.3 In
Max current overload In (capacitors)	1,3 In (continuous)
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	indoor
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=550V-50Hz (480V-60Hz) rated voltage.


Bottom view
ground fixing and
cables entry
Φ15
450
594
532
270
532
594
Top view
1960
1220
610
670