

## **VP10 MULTIMATIC**

Reactive power Ue=400V         578 kvar           Nominal voltage Ue         400 V           Capacitors voltage Un         400 V           Capacitors max voltage Umax         440 V           Frequency         50 Hz           THDI <sub>R</sub> %         ≤27%           THDIC%         ≤85%           Steps         53-5x105 kvar           Electrical steps number         11           Banks         7x82,5 kvar           Load break switch         2x800 A           Icc         50 kA           Controller         8BGA	Product code	IN2VFF357850700
Capacitors voltage Un         400 V           Capacitors max voltage Umax         440 V           Frequency         50 Hz           THDIR%         ≤27%           THDIC%         ≤85%           Steps         53-5x105 kvar           Electrical steps number         11           Banks         7x82,5 kvar           Load break switch         2x800 A           Icc         50 kA	Reactive power Ue=400V	578 kvar
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Load break switch 2x800 A lcc 50 kA	Electrical steps number	11
lcc 50 kA	Banks	7x82,5 kvar
	Load break switch	2x800 A
Controller 8BGA	lcc	50 kA
	Controller	8BGA
IP degree IP4X	IP degree	IP4X
Dimensions WxDxH 1220x670x1960mm	Dimensions WxDxH	1220x670x1960mm
Weight 660 kg	Weight	660 kg

NOTE Icc 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 (x500s every 60 minutes) 3 In (x180s every 60 minutes) 4 In (x90s every 60 minutes) 5 In (x50s 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/+70°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



### POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE PLUS 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.

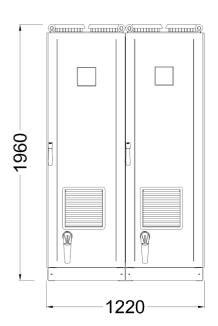
CRM25 single phase self-healing metallized polypropylene capacitor with increased thickness and UN=400V rated voltage.

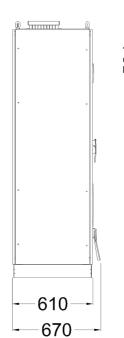


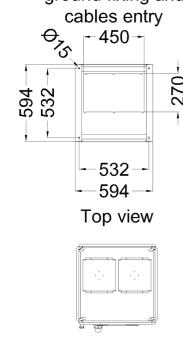


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Bottom view ground fixing and