

VP20 MULTIMATIC

Product code	IN2ZLF353650700
Reactive power Ue=400V	402 kvar
Reactive power Ue=415V	430 kvar
Reactive power Un=460V	536 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	460 V
Capacitors max voltage Umax	500 V
Frequency	50 Hz
THDI _R %	≤27%
THDIC%	≤90%
Steps	36-5x72 kvar
Electrical steps number	11
Banks	31-6x62 kvar
Load break switch	2x630 A
lcc	25 kA
Controller	8BGA
IP degree	IP4X
Dimensions WxDxH	1220x670x1960mm
Weight	640 kg

NOTE Icc value: Other values upon request.

Standard features

Otariaara reatares	
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.

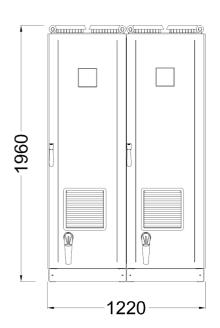
Microprocessor Power Factor Correction relay.

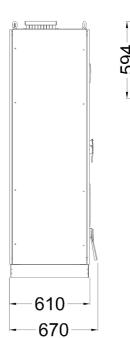
CRM25 single phase self-healing metallized polypropylene capacitor with increased thickness and Un=460V rated voltage.

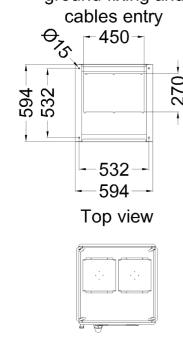


POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE PLUS CAPACITORS









Bottom view ground fixing and