

FH20.S MULTIRACK

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Product code	IX5DFF280050893
	80 kvar
Reactive power Ue=400V	
Nominal voltage Ue	400-415V
Capacitors voltage Un	550 V
Capacitors max voltage Umax	600 V
Frequency	50 Hz
THDI _R %	100%
I250Hz%	≤25%
THDV _R %	≤6%
Detuning frequency f _D	180 Hz
IP degree	IP00
Dimensions WxDxH	482x580x206mm
Weight	kg
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 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	indoor
Service	continuous
Internal connection	delta
Total losses	~ 6W/kvar
Inner surface finish	zinc passivation
Standards (bank)	IEC 61439-1/2, IEC 61921
Standards (capacitors)	IEC 60831-1/2



Generalities

Thyristor switches (SCR).

FS17 450/750V self-extinguish cable according to EN 50525 - EN 50575 - EN 50575/A1.

Fuses with high breaking power NH00-gG.

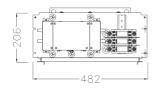
CRM25 single phase self-healing metallized polypropylene capacitor with Un=550V rated voltage.

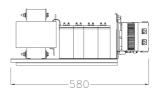
Discharge resistance.

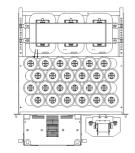
Three phase detuning choke with tuning frequency fD=180Hz (N=3.6-p%=7.7%).

POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE CAPACITORS









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