

FH30 EURORACK

Product code	IY7NFK250050428
Reactive power Ue=400V	50 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	550 V
Capacitors max voltage Umax	600 V
Frequency	50 Hz
THDI _R %	100%
I _{250Hz} %	>25%
THDV _R %	<6%
Detuning frequency f _D	135 Hz
Steps	2x25 kvar
IP degree	IPOO
Dimensions WxDxH	480x460x275mm
Weight	kg

Standard features

Max current overload In	1.3 ln
Max current overload In (capacitors)	1,3 In (continuous)
Max overload Vn	1,1xUe
Max overload Vn (capacitors)	1,1xUn
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	~ 8W/kvar
Inner surface finish	zinc passivation
Standards (bank)	IEC 61439-1/2, IEC 61921
Standards (capacitors)	IEC 60831-1/2

Generalities

Contactors for capacitive loads.

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

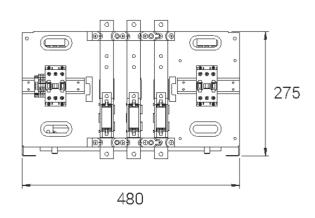
Fuses with high breaking power NH00-gG.

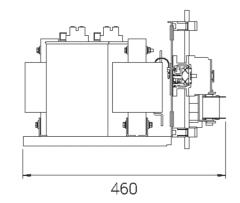
Three-phase self-healing metallized polypropylene capacitor with Un=550V rated voltage. Discharge resistance.

Three phase detuning choke with tuning frequency fD=135Hz (N=2.7-p%=13.7%).

POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE CAPACITORS







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