

## 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 <sub>R</sub> %	100%
I <sub>250Hz</sub> %	>25%
THDV <sub>R</sub> %	<6%
Detuning frequency f <sub>D</sub>	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.

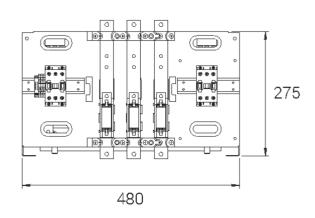
Fuses with high breaking power NH00-gG.

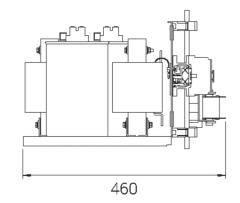
Three-phase self-healing metallized polypropylene capacitor with Un=550V rated voltage. Discharge resistance.

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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