

FH30 EURORACK

Product code	IY7NFK250050426
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	50 kvar
IP degree	IP00
Dimensions WxDxH	480x460x275mm
Weight	kg

Standard features

Max current overload I_n	1.3 I _n
Max current overload I_n (capacitors)	1,3 I _n (continuous)
Max overload V_n	1,1xU _e
Max overload V_n (capacitors)	1,1xU _n
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 U_n=550V rated voltage.

Discharge resistance.

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

