

## FH30 EURORACK

<b>Product code</b>	IY7NFK225050426
<b>Reactive power Ue=400V</b>	25 kvar
<b>Nominal voltage Ue</b>	400-415V
<b>Capacitors voltage Un</b>	550 V
<b>Capacitors max voltage Umax</b>	600 V
<b>Frequency</b>	50 Hz
<b>THDI<sub>R</sub>%</b>	100%
<b>I<sub>250Hz</sub>%</b>	>25%
<b>THDV<sub>R</sub>%</b>	≤6%
<b>Detuning frequency f<sub>D</sub></b>	135 Hz
<b>Steps</b>	2x12.5 kvar
<b>IP degree</b>	IP00
<b>Dimensions WxDxH</b>	480x460x275mm
<b>Weight</b>	kg

### Standard features

<b>Max current overload I<sub>n</sub></b>	1.3 I <sub>n</sub>
<b>Max current overload I<sub>n</sub> (capacitors)</b>	1,3 I <sub>n</sub> (continuous)
<b>Max overload V<sub>n</sub></b>	1,1xU <sub>e</sub>
<b>Max overload V<sub>n</sub> (capacitors)</b>	1,1xU <sub>n</sub>
<b>Insulation voltage</b>	690V
<b>Temperature class</b>	-5/+40°C
<b>Temperature class (capacitors)</b>	-25/+55°C
<b>Discharge device</b>	mounted on each bank
<b>Installation</b>	indoor
<b>Service</b>	continuous
<b>Internal connection</b>	delta
<b>Total losses</b>	~ 8W/kvar
<b>Inner surface finish</b>	zinc passivation
<b>Standards (bank)</b>	IEC 61439-1/2, IEC 61921
<b>Standards (capacitors)</b>	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<sub>n</sub>=550V rated voltage.

Discharge resistance.

Three phase detuning choke with tuning frequency f<sub>D</sub>=135Hz (N=2.7-p%=13.7%).

