

- OSLEV[%] -

FH30 MINIRACK

| Product code | IW7JFK150050009 |
|-----------------------------------|-----------------|
| Reactive power Ue=400V | 5 kvar |
| Reactive power Ue=415V | 5.5 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 | 2x2.5 kvar |
| IP degree | IP00 |
| Dimensions WxDxH | 370x310x160mm |
| 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 | ~ 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.

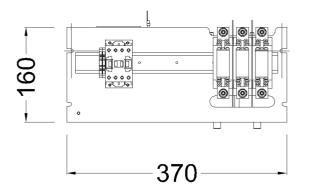
CRM25 single phase self-healing metallized polypropylene capacitor with Un=550V rated voltage.

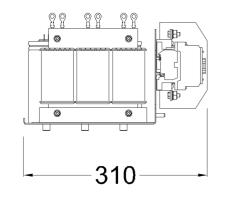
Discharge resistance.

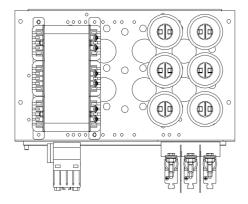
Three phase detuning choke with tuning frequency fD=135Hz (N=2.7-p%=13.7%).

POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE CAPACITORS









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