

VP20 MINIRACK

| | |
|------------------------------------|-----------------|
| Product code | IW2ZLF230050000 |
| Reactive power Ue=400V | 22.4 kvar |
| Reactive power Ue=415V | 24 kvar |
| Reactive power Un=460V | 30 kvar |
| Nominal voltage Ue | 400-415V |
| Capacitors voltage Un | 460 V |
| Capacitors max voltage Umax | 500 V |
| Frequency | 50 Hz |
| THDI_R% | ≤27% |
| THDIC% | ≤90% |
| Steps | 2x11.2 kvar |
| IP degree | IP00 |
| Dimensions WxDxH | 370x345x160mm |
| Weight | 14 kg |

Standard features

| | |
|---|---|
| Max current overload In | 1.3 In 1,3 In (continuous) 2 In (x500s every 60 minutes) 3 In (x180s every 60 minutes) 4 In (x90s every 60 minutes) 5 In (x50s every 60 minutes) |
| Max current overload In (capacitors) | |
| 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/+70°C |
| Discharge device | mounted on each bank |
| Installation | indoor |
| Service | continuous |
| Internal connection | delta |
| Total losses | ~ 2W/kvar |
| Inner surface finish | zinc passivation |
| Standards (bank) | IEC 61439-1/2, IEC 61921 |
| Standards (capacitors) | IEC 60831-1/2 |

Generalities

Special contactors with damping resistors to limit capacitors inrush current (AC6b).

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 increased thickness and $U_n=460V$ rated voltage.

Discharge resistance.

POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE PLUS CAPACITORS

