

## **VP20 MINIRACK**

| Product code                         | IW2ZLF222550000   |
|--------------------------------------|---|
| Reactive power Ue=400V               | 16.8 kvar   |
| Reactive power Ue=415V               | 18 kvar   |
| Reactive power Un=460V               | 22.5 kvar   |
| Nominal voltage Ue                   | 400-415V  |
| Capacitors voltage Un                | 460 V   |
| Capacitors max voltage Umax          | 500 V   |
| Frequency                            | 50 Hz   |
| THDI <sub>R</sub> %                  | ≤27%  |
| THDIC%                               | ≤90%  |
| Steps                                | 5.6-11.2 kvar   |
| IP degree                            | IP00  |
| Dimensions WxDxH                     | 370x345x160mm   |
| Weight                               | 13 kg   |
|                                      |   |
| Standard features                    |   |
| Max current overload In              | 1.3 ln  |
|                                      | 1,3 ln (continuous)   |
|                                      | 2 In (x500s every 60 minutes)                                 |
| Max current overload In (capacitors) | 3 In (x180s every 60 minutes)<br>4 In (x90s every 60 minutes) |
|                                      | 5 In (x50s 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/+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   |
|                                      |   |

## POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE PLUS CAPACITORS



## 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.

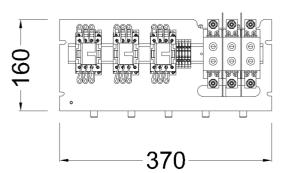
Fuses with high breaking power NH00-gG.

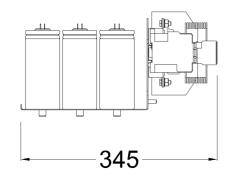
CRM25 single phase self-healing metallized polypropylene capacitor with increased thickness and Un=460V rated voltage.

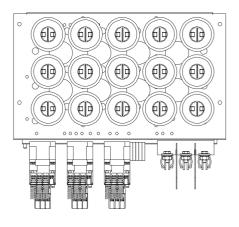
Discharge resistance.

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