

# Mass GI 3.5



Product code: 88000355

### **Modern transformer technology: Light, silent, reliable and easy**

The Mass GI is supplied with the latest high-frequency switching technology as well as Soft Start for peak loads when connecting to the grid. LED lights on the casing indicate load and overload. The transformer can be remote controlled and has the option of automatically starting the generator when there is an AC current overload. The Mass GI is 75% lighter and 60% smaller than low frequency transformers.

### **Higher capacity via parallel switching**

Parallel switching of the Mass GI units increases the AC power capacity. Two 16 A/3.5 kW units ensure 32 A/7 kW, four units give 64 A/14 kW.

### **Install anywhere**

With its robust aluminium casing, this isolation transformer can be fitted in any position on wall or floor. No rubber mountings are necessary because the unit does not vibrate or hum. The Mass GI also features professional connections with strain relief cable glands.

# Specifications

## General specifications

|                              |  |
|------------------------------|--|
| Output voltage ( $\pm 5\%$ ) | 90-255 V                                     |
| Output frequency range       | 45-65 Hz                                     |
| Input voltage range          | 90-255 V                                     |
| Nom. input current at 230 V  | 16 A   |
| Input frequency range        | 45-65 Hz                                     |
| Efficiency                   | > 93 %                                       |
| Power                        | 3500 W                                       |
| Parallel configuration       | up to 4 units parallel (14 kW)               |
| Dimensions, hwxwd            | 340 x 261 x 144 mm<br>13.4 x 10.3 x 5.7 inch |
| Weight                       | 6 kg<br>13.2 lb                              |

## Technical specifications

|                                   |   |
|-----------------------------------|---|
| Technology                        | high frequency  |
| Earth leakage switch              | no  |
| No-load consumption               | 22 W  |
| Temperature range (ambient temp.) | 0 °C to 40 °C, derating power > 40 °C<br>32 to 104 °F |
| Switch off at                     | 80 °C   |
| Relative humidity                 | max. 95%  |
| Cooling                           | variofan  |
| Protection degree                 | IP23  |
| Switch off behaviour breaker      | B-characteristic                                      |
| Soft start                        | yes   |
| MasterBus compatible              | yes   |