

Mass Systemswitch 10 kW (230 V)



Product code: 55008105

Mass Systemswitch: The complete system solution

- Three AC inputs, for example inverter, grid power and generator.
- Three or four outlets to AC power groups.
- Automatic switching.
- Power transfer from 4.5 kW to 16 kW, input/output from 25 to 63 A.
- Information source for central energy management via MasterBus network.
- Optional automatic fuses; for larger systems this usually requires an extra casing.
- MasterBus compatible.

Specifications

General specifications

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|-----------------------|---|
| Nominal input voltage | 230 V (50/60 Hz) |
| Input voltage range | 200-250 V |
| AC connections | integrated in the battery charger as standard |
| AC connection | connector strips |
| Number of inputs | 3 |
| Number of outputs | 4 |
| Dimensions, hwxwx | 340 x 261 x 144 mm 13.4 x 10.3 x 5.7 inch |
| Weight | 4.9 kg 10.8 lb |

Technical specifications

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|---|--|
| Connection for remote control | yes |
| LED indication on enclosure | indication voltage sources present and 'load on inverter' mode |
| Nominal input current generator | 40 A |
| Nominal input current grid | 25 A |
| Nominal input current inverter | 25 A |
| Earth leakage protection | no |
| Generator input switch | cont. monitoring of voltage and frequency |
| Time delay generator input | 0-10 sec (adjustable) |
| Nominal current shortbreak output | 25 A |
| Nominal current power output | 25 A |
| Nominal current generator output | 40 A |
| Automatic circuit breakers | no, system dependent |
| Power consumption (AC all inputs) | 33 W |
| Power consumption (only inverter power) | < 1 W |
| Transfer time | switch on 12-22 ms / switch off 4-19 ms |
| Temperature range (specified) | -5 °C to 60 °C 23 to 140 °F |
| Temperature range (ambient temp.) | -25°C to 70 °C -13 to 158 °F |
| Temperature range (storage/non operating) | -60 °C to 80 °C -76 to 176 °F |
| Relative humidity | max. 95%, non condensing |
| Frequency watch | yes |
| Cable size | 0.5-10 mm ² /AWG 20-7, remote control 0.14-2.5 mm ² /AWG 26-13 |
| Protection degree | IP23 |
| MasterBus compatible | yes |