

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

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, hwxwd	340 x 261 x 144 mm 13.4 x 10.3 x 5.7 inch
Weight	4.9 kg 10.8 lb

Technical specifications

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 switch	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