

Mass Systemswitch 16 kW (230 V)



Product code: 55008205

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
Number of inputs	3
Number of outputs	4
Dimensions, h x w x d	340 x 261 x 144 mm 13.4 x 10.3 x 5.7 inch
Weight	5 kg 11.0 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	63 A
Nominal input current grid	40 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	40 A
Nominal current generator output	63 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