

Masterswitch (5 kVA) (230V)



PN 55006010

- Selectable time delay for generator stability
- Two inputs (230V): inverter, shore power or generator
- Single outlet to the 230V power group
- Fully automatic or manual switching
- Power transfer up to 5 kW
- Can be combined with circuit breakers
- Discreet installation enclosure

Description

The AC power supply from shore, generator or inverter has to be perfectly managed for safety and to ensure your valuable equipment remains undamaged.

Mastervolt gives you the option to switch automatically between available power sources. The Masterswitch will connect the output to the highest priority input, if available. Combining power sources becomes possible for high power consumption situations, such as when you want to do the laundry and cook at the same time with a limited shore or generator power supply.

This lightweight (1.2 kg) Masterswitch, with two inputs and one output, functions as junction in your 230V on board system. The Masterswitch offers the comfort and safety you need. The simple and effective solution!

Specifications

INPUT	
Nominal input voltage	230V (50/60 Hz)
Input voltage range	200-250V AC
Number of inputs	2

VERSION

With automatic circuit breakers	no
Connection for Mastervolt remote control	no
LED indication on enclosure	no
Nominal input current generator	20A
Nominal input current shore power	20A
Nominal input current inverter	20A
Generator input switch	with time delay
Time delay generator input	0-10 seconds (adjustable)

OUTPUT

Nominal current power output	20A
Automatic circuit breakers	No (system dependent)

TECHNICAL SPECIFICATIONS

Power consumption (AC all inputs)	7 VA
Power consumption (only inverter power)	No (no load consumption)
Temperature range (specified)	-5°C to +60°C
Temperature range (allowed)	-40°C to +70°C (may not meet the specified tolerances)
Temperature range (storage/non operating)	-60°C to +80°C
Relative humidity	Maximum 95% (non condensing)
Transfer time	Switch on 12...22ms/switch off 4...19ms

MECHANICAL

Cable size	0.5-10 mm ² /AWG 20-7
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Protection degree	IP55
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Dimensions (H x W x D)	200 x 110 x 115 mm
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Weight	1.2 kg
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Number of outputs	1
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