Load Switching Devices

SEHAZB-SWITCH-MTR
SEHAZB-SCKT-MTR-XX
SEHAZB-DR-SWITCH-2

Maximize self-consumption by controlling device usage

Smart Energy Switch

- Wireless Smart Energy Switch for controlling electrical devices
- Built-in energy and power consumption metering
- Provides power measurements up to 3kW
- Device control can be done remotely according to a pre-configured schedule or dynamically by the inverter for maximized self-consumption

Smart Energy Socket

- Wireless Smart Energy Relay for controlling electrical devices
- Suitable for heat pump control
- Supports a wide input voltage range

Smart Energy Relay
SEHAZB-SWITCH-MTR / SEHAZB-SCKT-MTR-XX / SEHAZB-DR-SWITCH-2

**ELECTRICAL SERVICE**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SEHAZB-SWITCH-MTR</th>
<th>SEHAZB-SCKT-MTR-XX</th>
<th>SEHAZB-DR-SWITCH-2</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage Range - Line to Neutral</td>
<td>90 - 250 Vac</td>
<td></td>
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<tr>
<td>AC Frequency</td>
<td>50/60 Hz</td>
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<tr>
<td>Maximum Active Power Measurement</td>
<td>3 kW</td>
<td></td>
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<td></td>
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<tr>
<td>Maximum Load Current</td>
<td>13 A</td>
<td></td>
<td></td>
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<tr>
<td>Dry Contact Voltage Range</td>
<td>N/A</td>
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</table>

**COMMUNICATION**

- **Supported Communication Protocol**: ZigBee Home Automation
- **Device Configuration**: Via the monitoring app; Ethernet connection is required
- **Nominal Transmit Power**: 3 dBm
- **Operating Frequency Range**: 2.4 - 2.5 GHz
- **Bandwidth**: 2 MHz
- **Modulation**: O-QPSK with DSSS coding

**STANDARD COMPLIANCE**

- **Radio**: ETSI EN 300 328 V 1.8.1, ETSI EN 301 489-1, ETSI EN 301 489-17
- **Safety**: EN 60335-1, EN 60335-2-30, EN 50371
- **Immunity**: EN 55014-2, EN 61000-6-2, EN 55014-2
- **Emissions**: EN 55014-1, EN 61000-3-2, EN 61000-3-3

**INSTALLATION SPECIFICATIONS**

- **Operating Temperature Range**: 0 to +50 °C
- **Protection Rating**: IP30
- **Dimensions (HxWxD)**: 110 x 70 x 25 mm
- **Mounting Type**: Wall mount

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(1) Multiple plug types for various sockets: XX = GB, DE, NL, FR, IT
(2) Cellular connection may be used; requires a SIM card with a 1GB data plan that should be purchased from a cellular provider
(3) Approximate values. May differ depending on specific installation conditions
(4) Pending