

## Load Switching Devices

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



- Smart Energy Switch
- Smart Energy Relay

- Smart Energy Socket

### Maximize self-consumption by controlling device usage

#### Smart Energy Switch Smart Energy Socket

- 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 Relay

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

# / Load Switching Devices

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

	SEHAZB-SWITCH-MTR SMART ENERGY SWITCH	SEHAZB-SCKT-MTR-XX <sup>(1)</sup> SMART ENERGY SOCKET	SEHAZB-DR-SWITCH-2 SMART ENERGY RELAY	UNITS
<b>ELECTRICAL SERVICE</b>				
Operating Voltage Range - Line to Neutral	90 - 250			Vac
AC Frequency	50/60			Hz
Maximum Active Power Measurement	3	N/A		kW
Maximum Load Current	13			A
Dry Contact Voltage Range	N/A	0 - 250		Vac/Vdc
<b>COMMUNICATION</b>				
Supported Communication Protocol	ZigBee Home Automation			
Device Configuration	Via the monitoring app; Ethernet connection is required <sup>(2)</sup>			
Nominal Transmit Power	3	10		dBm
Operating Frequency Range	2.4 - 2.5			GHz
Bandwidth	2			MHz
Modulation	O-QPSK with DSSS coding			
Outdoor (LOS) Range	100	400		m
Indoor Range <sup>(3)</sup>	50			m
<b>STANDARD COMPLIANCE</b>				
Radio	ETSI EN 300 328 V 1.8.1, ETSI EN 301 489-1, ETSI EN 301 489-17		ETSI EN 300 328 V 1.8.1, ETSI EN 301 489-1, ETSI EN 301 489-17 <sup>(4)</sup>	
Safety	EN 60335-1, EN 60335- 2-30, EN 50371	EN 60950-1, EN 50371	EN 60335-1, EN 60335- 2-30, EN 50371 <sup>(4)</sup>	
Immunity	EN 55014-2	EN 61000-6-2	EN 55014-2 <sup>(4)</sup>	
Emissions	EN 55014-1, EN 61000- 3-2, EN 61000-3-3	EN 61000-6-3	EN 55014-1, EN 61000- 3-2, EN 61000-3-3 <sup>(4)</sup>	
<b>INSTALLATION SPECIFICATIONS</b>				
Operating Temperature Range	0 to +50			°C
Protection Rating	IP30			
Dimensions (HxWxD)	110 x 70 x 25	110 x 50 x 40	110 x 70 x 25	mm
Mounting Type	Wall mount	N/A	Wall mount	

(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

