

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 ⁽¹⁾ SMART ENERGY SOCKET		SEHAZB-DR-SWITCH-2 SMART ENERGY RELAY		UNITS
ELECTRICAL SERVICE						
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
COMMUNICATION						
Supported Communication Protocol		ZigBee Home Automation				
Device Configuration		Via the monitoring app; Ethernet connection is required ⁽²⁾				
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 ⁽³⁾		50				m
STANDARD COMPLIANCE						
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 ⁽⁴⁾		
Safety		EN 60335-1, EN 60335- 2-30, EN 50371		EN 60950-1, EN 50371		EN 60335-1, EN 60335- 2-30, EN 50371 ⁽⁴⁾
Immunity		EN 55014-2		EN 61000-6-2		EN 55014-2 ⁽⁴⁾
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 ⁽⁴⁾
INSTALLATION SPECIFICATIONS						
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
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

