

Load Switching Devices

SEHAZB-SWITCH-MTR /
SEHAZB-DR-SWITCH-2



- Smart Energy Switch
- Smart Energy Relay

Maximize self-consumption by controlling device usage

Smart Energy Switch with Meter

- 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 preconfigured 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-DR-SWITCH-2

SEHAZB-SWITCH-MTR SMART ENERGY SWITCH		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 ⁽¹⁾		
Nominal Transmit Power	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 ⁽²⁾	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 ⁽³⁾	
Safety	EN 60335-1, EN 60335- 2-30, EN 50371	EN 60335-1, EN 60335- 2-30, EN 50371 ⁽³⁾	
Immunity	EN 55014-2	EN 55014-2 ⁽³⁾	
Emissions	EN 55014-1, EN 61000- 3-2, EN 61000-3-3	EN 55014-1, EN 61000- 3-2, EN 61000-3-3 ⁽³⁾	
INSTALLATION SPECIFICATIONS			
Operating Temperature Range	0 to +50		°C
Protection Rating	IP30		
Dimensions (HxWxD)	110 x 70 x 25	110 x 70 x 25	mm
Mounting Type	Wall mount	Wall mount	

(1) Cellular connection may be used; requires a SIM card with a 1GB data plan that should be purchased from a cellular provider

(2) Approximate values. May differ depending on specific installation conditions

(3) Pending

