Load Switching Devices

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

SMART ENERGY

5 YEAR WARRANTY

- Smart Energy Switch
- Smart Energy Relay
- Smart Energy Socket

SUPERSEDED

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

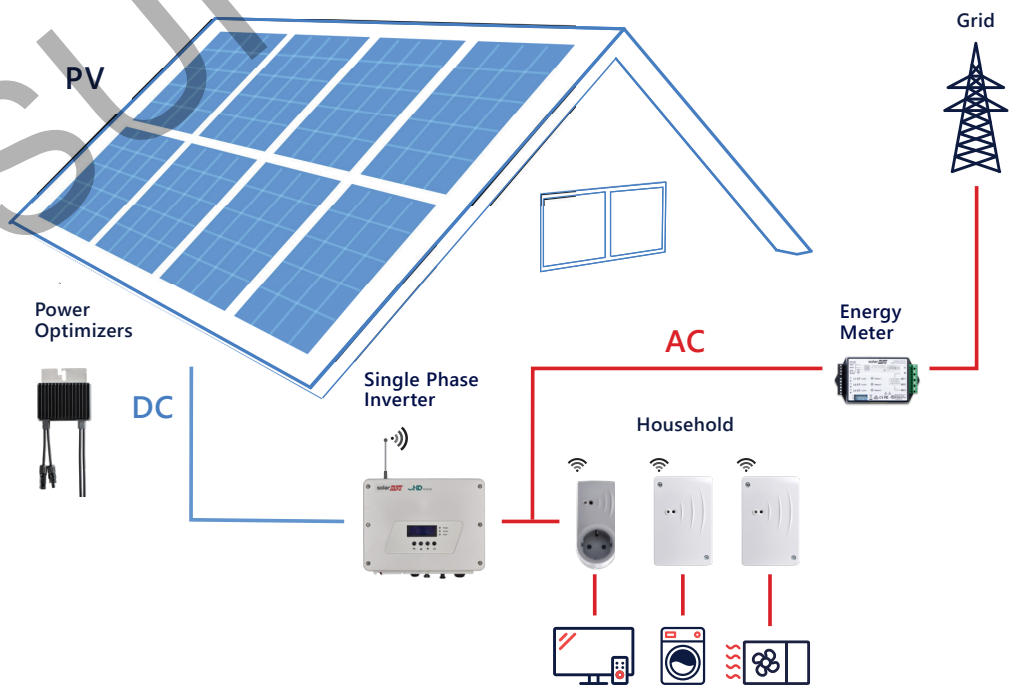
/ Load Switching Devices

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	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

SUPERSEDED



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