nearsens

Smart Cable
Monitor energy consumption and control electrical devices

The Smart Cable converts conventional power cables to a remotely controlled unit, which allows users to monitor their power consumption. The Smart Cable enables the user to control plugged in electrical devices, with the option to switch electronical equipment on or off.

Key features are:

- Precision power meter (Class 2)
- Current and temperature protection
- 16A continuous load
- Remote on/off control
- Zigbee certfied

Flexible and smart

The Smart Cable can be used where there is no space for a smart plug or where a higher load (up to 16 Amp) is required. The Smart Cable is independent of plug types, meaning that it works in most countries. The Smart Cable is sold ready-to-assemble or as a preassembled cable extension.

- **100 000 switching - no loss of performance**
- **Secure communication**
- **Flexible plug type and cable connection**

The Smart Cable comes with Zigbee communication and is easily integrated with other Zigbee products or smart control solutions. The Smart Cable is OTA upgradable, which increases the longevity of the product.

Smart Cable - Technical specifications

Model number: SMRZB-143

General

Dimensions (W x D x H)	108 x 36 x 24 mm
Color	White
Acceptable cable size	Max. outside diameter 11,8 mm
Power supply	230V +/-10%
Power consumption	0.4 W
Radio	Sensitivity: -100 dBm @ 1% PER
	Output power: +8 dBm
Environment	IP class: IP30
	Operation temperature 0 to +50˚C
	Relative humidity 5% - 85%, non condensing

Functions

Power meter	Voltage range:	207 to 253 VAC
	Accuracy:	Typ +/- 1 %
	Reported resolution:	1W
Remote control	Max. switch voltage:	250 VAC
	Max. continuous load:	16 A
	Overload and over temperature protection	

Communication

Wireless protocol	Zigbee Home Automation 1.2
	Zigbee router

Certifications

	Conforming to CE, RED, and RoHS directives
	Zigbee Home Automation 1.2 certified