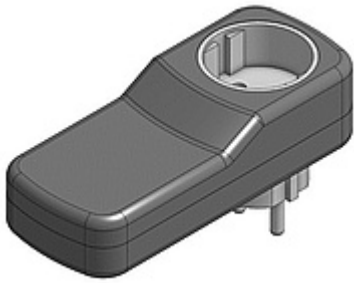


PSSYSTEMEC GMBH: SMARTSOCKET



Physical Properties

Programming Interface	AT commands
Device Size	(112 x 53 x 28) mm
Weight	89g
IP Class 1st Digit	2 - Protected against solid objects over 12.5mm e.g. hands, large tools.
IP Class 2nd Digit	0 - No protection
Operating Temperature	-40 °C / +70 °C
Storage Temperature	-40 °C / +85 °C
Operating Humidity	max. 85%
Storage Humidity	max. 85%
Number of SIM Slots	1
SIM Type	2FF

Electrical Characteristics

External Voltage	110 - 240V AC
------------------	---------------

System Characteristics

Flash	5 MB
RAM	2 MB

Connectivity

2G	Yes
3G	Yes
4G	Optional
NB-IoT	Optional
LTE-M	Optional

Antennas

GSM Antenna Connector (number)	only internal antenna
GSM Antenna Connector (standard)	only internal antenna
GPS antenna connector (number)	only internal antenna
GPS antenna connector (standard)	only internal antenna

I/O

RTC	Yes
USB	Yes
Analog In	1
Supported Analog Inputs	<ul style="list-style-type: none">• NTC• 0...5V• 4...20mA



PSSYSTEMEC GMBH: SMARTSOCKET

Internal Sensors

Accelerometer	Yes
Internal 3D G-Sensor	Yes
Internal Temperature Sensor	Yes
Internal Humidity Sensor	Yes
Other internal sensors	current sensor 0...2000 Watt

Positioning Technologies

GLONASS	Optional
GPS	Optional
CellID	Yes

Certification

CE	Yes
Directive for Radio Equipment	RED
RoHS	Yes
WEEE	Yes
WEEE valid for	DE
FCC	Yes

Cloud of Things

Connectivity with CoT	REST
SmartREST	Yes
SmartREST Prefix	PSsystemec_SMARTbox_nano_XID<number>
Cloud Fieldbus	Yes

Safety and Security

TLS	1.2
Encryption mechanisms	AES

Contact

Deutsche Telekom IoT GmbH
Friedrich-Ebert-Allee 71-77
53113 Bonn
iot-device-support@telekom.de



LIFE IS FOR SHARING