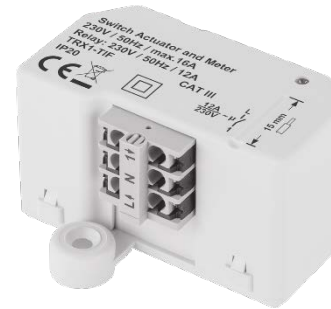# Alpha IP: Switch Actuator and Meter – flush-mount 12 A (16 A for max. 20 min.) FSM 26011-N0

The Alpha IP Switch Actuator and Meter offers installation with a flush-mounting or surface-mounting box. Once installed, the device switches connected loads (e.g. lamps) on and off and measures the energy consumption.

The switch actuator and meter enables comfortable control of connected loads via smartphone app.
With the corresponding user interface, you can have an overview of the energy consumption and costs of connected loads.

1.1   Product characteristics

- Flush-type actor for switching consumers and measuring the energy consumption
- Switching large consumer up to 12 A (16A for max. 20 min.)
- Thanks to the high measuring accuracy, also standby loads can be measured precisely
- Compact design for a simple installation in flush-type boxes or in on-surface junction boxes (e. g. ELS Spelsberg Abox 25)

- Für die Installation muss ein Neutralleiter vorhanden sein.
- Convenient control via the Alpha IP app or via the Alpha IP remote control
- Can be used with the Access Point in conjunction with the Alpha IP app

1.2   Scope of supply

- Alpha IP Switch Actuator and Meter – flush-mount 12 A (16 A for max. 20 min.)
- Operating instructions

2   Technical data

Supply voltage	230 V/50 Hz
Switching current	12 A permanently 16 A for max. 20 min.
Standby power consumption	0.2 W
Max. switching power	2760 W permanently 3680 W for 20 minutes
Load type	ohmic load, $\cos\varphi \geq 0{,}95$
Cable type and cross section	Rigid and flexible cable, 1.5-2.5 mm²
Relais	NO contact, 1-pole, µ contact
Measuring accuracy (power)	Range: 0 to 3680 W Resolution: 0,01 W Accuracy: 1 % ± 0,03 W
Installation	only in switch boxes (device boxes) in accordance with DIN 49073-1 or ELS Spelsberg junction boxes (surface-mounting boxes) in accordance with DIN 60670-1 (Abox 25 and Abox 40 for example)
Protection type	IP20
Ambient temperature	5 to 35 °C
Dimensions (W x H x D)	54 x 33 x 41 mm
Weight	49 g
Radio frequency	868.3 MHz/869.525 MHz
Typical radio free-field range	180 m
Packaging dimensions	122 x 112 x 48 mm
Packaging weight	180 g