Alpha IP: Dimming Actuator Flush Type - FDT 24001-N2

The Alpha IP Dimming Actuator is suitable for installation in a flush-type or surface-mounted box. Once installed, the device dims and switches connected consumers such as incandescent lamps, HV halogen lamps, LV halogen lamps with electronic transformer, dimmable energy-saving lamps and many dimmable LEDs.
The dimming actuator enables convenient dimming and switching of connected lights via radio remote control or via the Alpha IP app.

1.1   Product characteristics

- The flush-type dimming actuator enables many dimmable LEDs, dimmable energy-saving lamps, LV halogen lamps, HV halogen lamps and incandescent lamps to be dimmed and switched on or off.
- Optimised for modern light sources and therefore particularly suitable for small loads (e. g. LEDs)
- Modern, fully electronic trailing-edge phase dimmer for particularly quiet operation without noise generation (compared to older dimmers)
- Via the Alpha IP app, connected luminaires can be dimmed almost infinitely in 0.5 % steps
- Low standby power consumption

- Compact design for simple installation in flush-type boxes or in surface-mounted distribution boxes (e. g. ELS Spelsberg Abox 25, IP65) for use in basements or outdoor areas
- Screwless terminals for particularly easy installation
- Comfortable 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 (without follow-up costs)
- A neutral conductor must be available for installation.

1.2   Scope of supply

- Alpha IP Dimming Actuator – Flush Type
- Operating Instructions

2   Technical data

Supply voltage	230 V/50 Hz
Power consumption	0.35 A
Minimum load	3 VA
Maximum switching power	80 VA
Standby power consumption	0.4 W
Dimming method	trailing-edge phase
Load type	ohmic and capacitive lamp load
Line type and line section	solid and stranded cables, 0.75 – 1.5 mm²
Installation	only in switch boxes (mounting boxes) according to DIN 49073- 1 and in ELS Spelsberg junction boxes (e. g. Abox 25 and Abox 40)
Protection type	IP20
Ambient temperature	-10 to +55 °C
Dimensions (W x H x D)	54 x 33 x 41 mm
Weight	31 g
Radio frequency	868.3 MHz / 869.525 MHz
Typical radio range	180 m
Packaging dimensions	122 x 112 x 48 mm
Packaging weight	117.4 g