Universal Dim Actuator 2-fold, 300W  

**Overview**

- Universal Dim Actuator for automatic load detection
- 2 channels
- 2 to 300 W output power per channel up to 45 °C ambient temperature
- up to 500 W if only one channel is operated
- DIN rail mounting
- With: 4 modules
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UD/S 2.300.2

Technics

- Both channels can be operated on different phases (Neutral is looped through inside the device)

- Low power loss:
  - max. 4.5 W on maximum power
  - max. 500 mW when switched off

- Powerful application program
  - 18 light scenes
  - variable dimming speeds
  - ...

- Load detection can be disabled by defining a fix load type

- Improved stability against ripple control signals
Example for Light Scenes

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Audience enters the presentation room
Beamer presentation begins
Switch over to table drawing
Back to beamer presentation
Audience leaves the presentation room
Safety and Diagnostics

- Safe against overload and overtemperature (no fuse needed)
- Light remains unchanged on during bus voltage failure
- Excess temperature and the connected load type are displayed via communication objects
- Communication object „Fault“ signals a failure
- A status byte per channel gives detailed information about the operating state
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**Status Byte**

Each channel has a communication object „Status Byte“

Bit 0: Staircase function or slave mode is active
Bit 1: Function blocked
Bit 2: Forced operation is active
Bit 3: Error during load detection or incorrect load type
Bit 4: Undervoltage of mains supply
Bit 5: Overcurrent or short circuit on load side
Bit 6: Underload or open loop on load side
Bit 7: Overvoltage or overcurrent pulses on load side
Adaption of the characteristics of the light fitting

- Curve is defined by up to 4 value pairs
- Linear interpolation between value pairs