

Datasheet

6-channel Phase-cut Dimmer

Part No: UM6D



Bisly UM6D is an RS-485 network controller with a 6 channel 230VAC dimmer for luminaires. UMD is designed for operation in Bisly secure smart building infrastructure. Dimmer is designed for active and capacitive loads.

Electrical Data

Supply voltage	16 - 30 VDC, reverse polarity protected
Power consumption	max. 2W @24V, internal overcurrent protection at ca 0.7A
Inputs	6 digital inputs, designed for contact switches <ul style="list-style-type: none"> • internal 1kOhm pullup to +5V • active low level $\leq 2V$ • input low pass filter $\tau=100\mu s$ • 5V max operation • temporary reverse voltage protected • 8kV ESD (EN 61000-4-2) protected
Measurments	230VAC current metering on all dimmer channels <ul style="list-style-type: none"> • measurement accuracy $\pm 3\%$ of full scale

230VAC phase-cut dimmer

Properties:

- 6 fully independent channels
- max 240W per channel
- short circuit protected
- overtemperature protected
- software selectable trailing or leading edge control

Ambient operating conditions

-10 to +40°C
max. 80% RH (non condensing)

Product Characteristics

Mounting type

On DIN-rail Inside Electrical distribution cabinets

Colours

Black

Finish

Matte

Flammability of casing

Fire retardant according to UL94 v0

Weight & Dimensions

Total weight

280g

Product dimensions

161 x 90 x 58 mm

Certifications & Standards

Environmental protection class

IP30

Standards compliance

EN 63044-1, EN 63044-3, EN 63044-5, EN IEC 55015

Installation must be carried out by a qualified electrician in accordance with the relevant local regulations.

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