

- DALI protocol
- 2 power class 1200W / 2400W
- automatic load detection
- leading- or trailing edge dimming
- compact DIN-Rail design
- memory-function
- softstart/ fadeout
- overload protection

One channel digital leading- or trailing edge dimmer with DALI protocol for highpower applications.

For dimming of Dimmen von ohmic illuminants, extra-low voltage halogen lamp with transformers with a max-power-rating from 3-1200VA (DAD1200) resp. 3-2400W (DAD2400).

### Installation:

- control cabinet with DIN-Rail (35 mm)
- Only in compliant electrical installations
- overheating must be avoided by sufficient heat conduction, the ambient temperature must not exceed 45°C.

### Cable type and diameter:

- Wiring could be single or fine stranded wire with end sleeves from 0,75mm<sup>2</sup> up to 2,5 mm<sup>2</sup>.

Professional lightmanagement will be simplified enormously with the Universal Dimmer DAD-series

The dimmers are working with the DALI-Standard and they are compatible with all DALI controller and gateways.

With an self-measurement-procedure, the dimmers detect the load and adjust the dimming curve.

### Remarks:

- DALI signal is not SELV. The installation instructions for low voltage apply .
- Length for DALI signal wire may not longer than 300 m (on 1.5mm<sup>2</sup> cable diameter) or 2V voltage drop.

### Hinweise zur Programmierung:

- Physical addressing with setup button
- automatic addressing through a DALI search

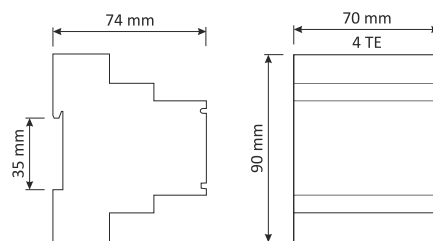
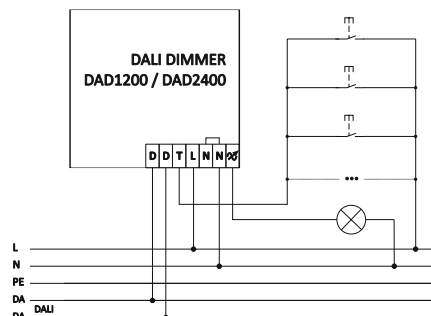
## DAD-series

Item number: 10.230; 10.232

Specification		DAD1200	DAD2400
Item number		10.230	10.232
Mains	Operation Voltage	215V – 240V AC 50/60 Hz	
Output	Dimmed phase	1200W (tungsten)	2400W (tungsten)
	Minimum load	2W	
	Power consumption (ON / dimming)	1,2W / 5,3W (fan + 1W)	
Control Inputs	DALI	16V (9,5-22 V Manchester Code) NYM 2x1,5 mm <sup>2</sup> (H0VV 2 x 1,5mm <sup>2</sup> )	
Dimming Range		0; 0,1% - 100%	
Protection	Cooling/Temperature management Temperatur switch off Current, short circuit	Fan activation: >52° Celsius Derating: >85° Celsius, 10W/Degree° Celsius 120°C (reversible) Cascaded switch off (reversible)	
Terminals	Screw terminal	0,2 ... 2,5 mm <sup>2</sup> fine stranded 0,2 ... 4 mm <sup>2</sup> single wire max. 0,6Nm	
	Thigtening torque		
Design	Mounting rail (35 mm) Dimensions (H x W x D) Mounting depth	DIN EN 60715 90 x 70x 74 mm 74 mm + 6 mm distance for ventilation	
Housing / color		Plastics, grey	
Weight		0,202 kg	
Operation and display elements		DALI address button Single LED	
Environment	Type of protection according DIN EN 60529 Protection class Temperature (ambient) Humidity not condensing	IP20 10mm/5KV II ta = 45° Celsius 5 - 80%	
Approbation	DALI IEC 62386, Device Type 4 CE-Mark	IEC 062386-101 EC 062386-102 According EMV and Low Voltage Directive EN 60669 EN 60669-2-1 EN 61000-6-1 EN 61000-6-3 RoHS	

Important: Please note installation and operation Information

### Circuit diagram:



Dimensions