



The **EIB-phase-controlled (leading edge) dimmer 2000** is suitable for the control of incandescent lamps, high-voltage halogen lamps, low-voltage halogen lamps with wire-wound transformers as well as electric motors, e.g. for ventilators up to a load capacity of 2000 WVA. Electronic transformers may be controlled only if they are suitable for an operation in the phase-controlled mode.

Dimensions (W x H x D) = 175 x 83,5 x 58 mm

Delivery state of ALTODIM modules

The dimmers can be operated after their connection to the bus also without the EIB-software just with their pushbutton input. This allows a 1-pushbutton control mode: short touching of the pushbutton = ON/OFF, continuously pressing the button = BRIGHTER/DARKER. Releasing the pushbutton: lighting remains at this light level. After an ON operation or a power failure lighting would return to the last set light level. Up to 3 dimmers can be operated with one power supply (order-no. 80.14.600).

Technical information for operations in the EIB-mode (ETS-software, function descriptions as they are preadjusted in the software and parametrizing) are - together with the data base - included in our TECHNICAL HANDBOOK which also can be downloaded from the internet.

Technical Data

Phase-controlled (leading edge) dimmers

Characterization	ALTODIM 600	ALTODIM 1300	ALTODIM 2000
Type	: IBDA 600	IBDA 1300	IBDA 2000
Order-no.	: 80.13.065	80.13.062	80.13.063
Power supply	: 230V~ 50Hz or 60Hz; DC not permitted!	230V~ 50Hz or 60Hz; DC not permitted!	230V~ 50Hz or 60Hz; DC not permitted!
Protection	: external 6A MCB	external 6A MCB	external 10A MCB
Ambient temperature	: 0°C ... +45°C, natural air-convection at vertical mounting position	0°C ... +45°C, natural air-convection at vertical mounting position	0°C ... +45°C, natural air-convection at vertical mounting position
Max. load capacity	: 600W/VA	1300W/VA	2000W/VA
Min. load capacity	: 40W/VA	60W/VA	60W/VA
Output current	: max. 2,6A~	max. 5,65A~	max. 8,7A~
Protective class	: II (protective isolation)	II (protective isolation)	II (protective isolation)
Protective type	: IP 20	IP 20	IP 20
Contamination grade	: 2 (dry, non conductive according to IEC664, 10/92)	2 (dry, non conductive according to IEC664, 10/92)	2 (dry, non conductive according to IEC664, 10/92)
Own consumption	: <1,5% of the connected load	<1,5% of the connected load	<1,5% of the connected load
Noise level	: <30 dB(A) at nominal load in a distance of 1 m	<30 dB(A) at nominal load in a distance of 1 m	<30 dB(A) at nominal load in a distance of 1 m
Pushbutton input T	: max.250V~ (pushbutton for power supply)	max.250V~ (pushbutton for power supply)	max.250V~ (pushbutton for power supply)
Safety current limitation	: Electronic load limitation if the max. permissible temperature exceeds screw terminals	Electronic load limitation if the max. permissible temperature exceeds screw terminals	Electronic load limitation if the max. permissible temperature exceeds screw terminals
Terminals	: 0,2mm ² - 2,5mm ² for solid wires 0,2mm ² - 1,5mm ² for litz wire with sleeve	0,5mm ² - 2,5mm ² for solid wires or litz wire with sleeve	0,5mm ² - 2,5mm ² for solid wires or litz wire with sleeve
Wire lengths	: max. 100m with wires with a min. diameter of 1,5mm ² (terminals 1-4)	max. 100m with wires with a min. diameter of 1,5mm ² (terminals 1,3,5,6)	max. 100m with wires with a min. diameter of 1,5mm ² (terminals 1,3,5,6)
Mounting	: housing with catch spring for DIN rails	housing with catch spring for DIN rails	housing with catch spring for DIN rails
Dimensions (WxHxD)	: 70 x 90 x 64mm for DIN rail system	105 x 83,5 x 58mm for DIN rail system	175 x 83,5 x 58mm for DIN rail system
Weight	: approx. 250 g	approx. 380 g	approx. 500g
Wiring	: with EIB-wires	with EIB-wires	with EIB-wires
Power supply EIB	: 24VDC (+6V/-4V) EIB-power supply	24VDC (+6V/-4V) EIB-power supply	24VDC (+6V/-4V) EIB-power supply
Power consumption	: max. 230mW at 29VDC	max. 230mW at 29VDC	max. 230mW at 29VDC
Designation	: EIB,CE	EIB,CE	EIB,CE
Wiring	: according to wiring diagrams or imprint on the controls	according to wiring diagrams or imprint on the controls	according to wiring diagrams or imprint on the controls

All technical data refer to the nominal loads and the indicated power supply.