

# ALTODIM **EIB**-DIMMER for DIN-rail systems

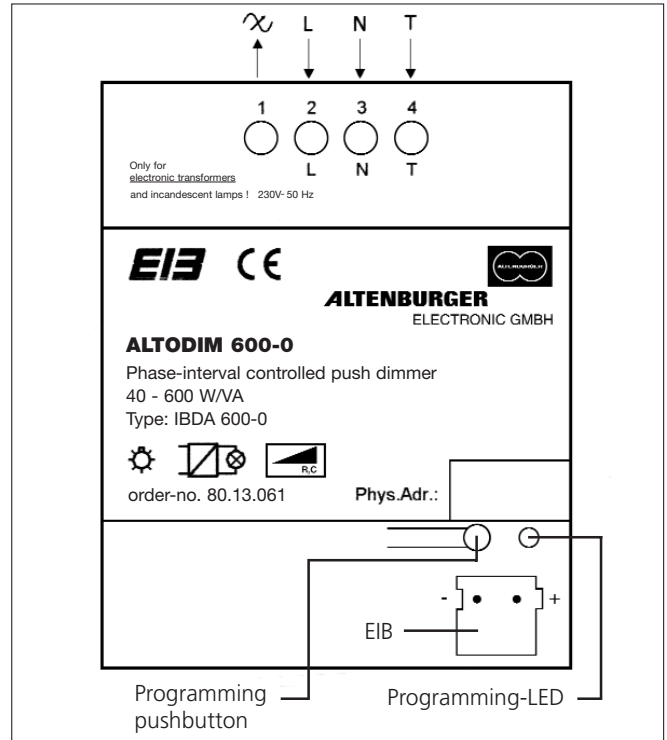
Phase interval (lagging edge) controlled dimmer ALTODIM 600-0 / Type IBDA 600-0

order-no. 80.13.061



The **EIB-phase-interval (lagging edge) controlled dimmer 600-0** is suitable for the control of incandescent lamps as well as low-voltage halogen lamps with electronic transformers up to a load capacity of 600 WVA. Wire-wound transformers or inductive loads may not be connected.

Dimensions (W x H x D) = 70 x 90 x 64 mm



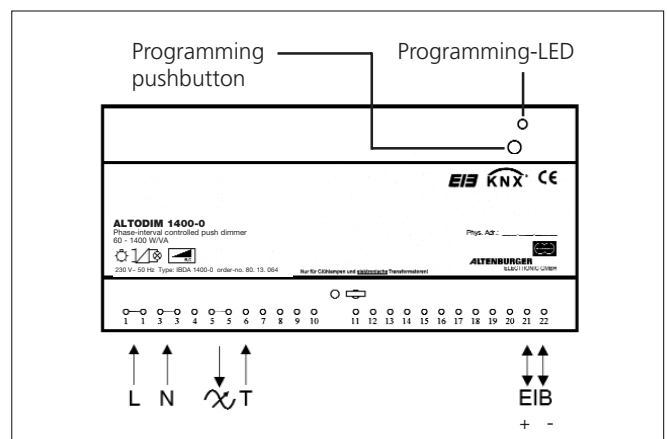
Phase interval (lagging edge) controlled dimmer ALTODIM 1400-0 / Type IBDA 1400-0

order-no. 80.13.064



The **EIB-phase-interval (lagging edge) controlled dimmer 1400-0** is suitable for the control of incandescent lamps as well as low-voltage halogen lamps with electronic transformers up to a load capacity of 1400 WVA. Wire-wound transformers or inductive loads may not be connected.

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



# Technical Data

## Phase-interval (lagging edge) controlled dimmers

Characterization	ALTODIM 600-0	ALTODIM 1400-0
Type	: IBDA 600-0	IBDA 1400-0
Order-no.	: 80.13.061	80.13.064
Power supply	: 230V- 50Hz or 60 Hz; DC not permitted!	230V- 50Hz or 60 Hz; DC not permitted!
Protection	: 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
Max. load capacity	: 600W/VA	1400W/VA
Min. load capacity	: 40W/VA	60W/VA
Output current	: max. 2,6A-	max. 6,1A-
Protective class	: II (protective isolation)	II (protective isolation)
Protective type	: IP 20	IP 20
Contamination grade	: 2 (dry, non conductive according to IEC664, 10/92)	2 (dry, non conductive according to IEC664, 10/92)
Own consumption	: <2% of the connected load	<2% of the connected load
Noise level	: <25 dB(A) at nominal load in a distance of 1 m	<25 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)
Safety current limitation	: - Electronic current limitation (inrush, overload-, short-circuit current) - Voltage drop if max. permissible temperature exceeds - Switch-off at inadmissible temperatures - Electrical reclosing (restoring of functions after cooling down)	: - Electronic current limitation (inrush, overload-, short-circuit current) - Voltage drop if max. permissible temperature exceeds - Switch-off at inadmissible temperatures - Electrical reclosing (restoring of functions after cooling down)
Terminals	: screw terminals 1-4 0,2mm <sup>2</sup> - 2,5mm <sup>2</sup> for solid wires 0,2mm <sup>2</sup> - 1,5mm <sup>2</sup> for litz wires with sleeve	screw terminals 0,5mm <sup>2</sup> - 2,5mm <sup>2</sup> for solid wires or litz wires with sleeve
Wire lengths	: max. 100m, min.1,5mm <sup>2</sup> (terminals 1-4)	max. 100m, min.1,5mm <sup>2</sup> (terminals 1,3,5,6)
Mounting	: housings with catch spring for DIN rails	housings with catch spring for DIN rails
Dimensions (WxHxD)	: 70 x 90 x 64mm for DIN rail system	175 x 83,5 x 58mm for DIN rail system
Weight	: approx. 220 g	approx. 450 g
Wiring	: with EIB-wires	with EIB-wires (terminals 21,22)
Power supply EIB	: 24VDC (+6V/-4V) EIB-power supply	24VDC (+6V/-4V) EIB-power supply
Power consumption	: max. 230mW at 29VDC	max. 230mW at 29VDC
Designation	: EIB,CE	EIB / KNX, CE
Wiring	: 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.