

Order no.	Packing unit	PS
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Instabus KNX/EIB
DALI gateway with manual actuation

DRA plus	1060 00	1	26
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Product family: Lighting
Product type: Dimmer

The DALI gateway forms the interface between a KNX/EIB installation and a digital DALI lighting system. The DALI gateway enables switching and dimming of a maximum of 64 lights with a DALI operating device (e.g. electronic ballast).

The DALI light groups can be switched on and off or dimmed by means of manual operation on the device parallel to the KNX/EIB, even without bus voltage or in the unprogrammed state (broadcast of all connected DALI lights).

The ETS3.0d is recommended for configuring and commissioning the device. Installation on DIN cap rail. Functions:

- Control of a maximum of 64 DALI devices in a maximum of 32 groups.
- Manual actuation of the groups independent of the bus (including building site operation with broadcast control).
- Feedback of DALI error status or short-circuit and signalling of failure of the power supply.
- Feedback can be delayed until after the return of bus voltage
- Central switching function.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage
- Setting of brightness limits possible.
- Dimming behaviour can be parameterised.
- Soft switch-on or soft switch-off function.
- Block function or as an alternative forced setting function can be parameterised for each group. With block function flashing of light groups is possible.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion of the groups in up to 16 light scenes possible.
- Reactions in case of bus voltage failure and restoration can be set for each group following an ETS programming process.
- Replacement of a defective DALI device can be on device without software.

Operating voltage: AC 110 V to 240 V
50/60 Hz

Connections: Instabus via connection and branch terminal **0595 00**
DALI via screw terminals
0.2 to 4 mm² single-wire
2 x 0.2 to 2.5 mm² single-wire
0.75 to 4 mm² fine-wire without core jacket
0.5 to 2.5 mm² fine-wire with core jacket

Cable lengths between gateway and operating device:
Ø 1.5 mm² max. 300 m
Ø 1.0 mm² max. 238 m
Ø 0.75 mm² max. 174 m
Ø 0.5 mm² max. 116 m

Temperature range: -5 °C to +45 °C

Dimensions: DRA device, 4 depth modules

Instabus connection and branch terminal 0595 00 → Page 377.

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Instabus KNX/EIB
blind actuator, 4-gang
24 V DC with manual activation

DRA plus	1049 00	1	26
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Product family: Blind
Product type: Blinds

4-gang DRA blind actuator with manual activation and status display for each output.

For controlling four independently controllable blind or shutter drives or comparable systems (e.g. 24 V DC roof window motors with linear chain actuators). Blind actuator with integrated bus coupler. Installation on DIN cap rail. Connection of various phases.

Features which can be set via software:

- 4 independent channels for one blind motor each.
- 2 x 2-channel operation possible.
- Blind type can be set (blinds with slat adjustment or shutters).
- Switching time for movement direction change can be set for each output channel.
- Movement time extension for adaptation of various movement times to the upper end position can be set (depending on the drive).
- Ability to move to a specified blind or slat position, or shutter position. The current positions can be read out or sent.
- Two solar protection functions for brightness-dependent moving of the blind, slat or shutter. Logical linking of the freely assignable solar protection objects.
- Two safety functions with cyclical monitoring and separate assignment to the blind or shutter channels. Moving into a configurable end position on activation or deactivation of the safety functions.
- Reaction following the end of a solar protection or central function can be configured.
- 4 central functions possible with 2 x 2-channel operation.
- Reaction after bus voltage failure and return can be set.
- Manual operation of the output channels possible even without bus voltage. Manual operation can be blocked.

Load capacity: DC 24 V
6 A

Connections: Instabus via connection and branch terminal **0595 00**
load via screw terminals
0.5 to 4 mm² single/fine-wire without core jacket
0.5 to 2.5 mm² fine-wire with core jacket

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

Wind sensor Standard 0913 00 → Page 411.

Instabus connection and branch terminal 0595 00 → Page 377.