

Product datasheet:

Electronics box ECON®, airtight

Electronics box ECON® and two-gang junction box ECON®

- Separator wall for electrical circuit separation
- Air-tight design with sealing membranes

One-gang junction box, air-tight with multi-membrane, as an electronics box for flush-mounting/masonry installation, flush-mounting box. Flush-mounting one-gang junction box design as an electronic box in accordance with DIN EN 60670/DIN VDE 0606 and DIN 49073, made of plastic, with air-tightness in accordance with DIN 18015-5. Installation opening Ø 60 mm, installation opening 152 mm x 82 mm, depth 68 mm, combination distance 71 mm, with lateral terminal compartment for device inserts and electronic components as well as for compliance with bending radii, protection class IP 20 according to DIN EN 60529, flame-retardant according to DIN EN 60695 up to 650° C, halogen-free according to DIN VDE 0604-2-100, for flush-mounting installation. Toolless entries for electric cables and DIN EN conduits with a diameter of 20/25 (4 x 20 mm/25 mm in both connectors, 4 x 25 mm in the side wall, 12 wire entries, and 8 segmented wire entries for up to 4 wire entries each for NYM cables 3 x 1.5 mm², 3 x 2.5 mm² or 5 x 1.5 mm², 5 x 2.5 mm² or 7 x 1.5 mm², with 4 screw domes, with 2 plus-minus device screws



Article number:	1068-21
EAN:	4013456537422
Inner packing / Packaging quantity:	10 / 100
Price group:	121

Dimensions / Form

Product length:	149 mm
Product width:	80 mm
Product depth:	68 mm

Connections / Entries

Number of entries:	16
For conduit Ø:	25 mm

Assembly / Installation

Assembly type:	UP (solid construction)
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Safety / Properties

Halogen-free:	Yes
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Features

Number of screw domes:	4
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Approvals / Certifications

VDE:	Yes
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Certificates



Planning data

The electronics box and two-gang junction box using ECON® technology and a multi-membrane are ideal for installation in masonry walls in which the interior plaster forms the air-tight closure on the room side. The electronics box ECON® provides a

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generously-sized accessory installation space and additional space for fitting small switch actuators, etc. The matching separator wall allows the standardised installation of bus and operating voltage in one box. The two-gang junction box ECON® with a multi-membrane makes it easier than ever to install special accessories. The large installation opening and the very large installation compartment make it possible to install block and pre-wired accessories, and they create space for the assembly of cables for multi-media connections.

- Elastic sealing membrane for guaranteed air-tightness
- Variable and toolless insertion of single cables, duplex cables and DIN EN conduits
- Additional space for decentral installation of KNX / LON UP actuators, flush-mounted cut-off relays for Venetian blinds, and many more
- Separator wall for standardised fitting of two voltage types in one box
- Maintenance of cable bending radii for network connection boxes – optimal data transfer
- Easy installation of pre-wired accessories and multi-media connection boxes