

Product datasheet:

One-gang junction box ECON® Iso +

One-gang junction box - ECON® Iso +

- for retrofitting in ETICS with wood fibre and rock wool insulation boards
- for insulation thicknesses of 60 mm and upwards
- 4 swivelling cutters for secure mechanical fastening
- 4 screw domes
- Sealing lip on all sides
- including centering aid
- including setting tool (Art. No.1090-22) per packaging unit

One-gang junction box, air-tight, for mechanically secure and thermal bridge-free installation in insulated exterior walls, one-gang junction box in accordance with DIN EN 60670/VDE 0606 and DIN 49073, made of plastic, thermal bridge-free design in accordance with DIN 18015-5, for installation in insulated exterior walls, installation opening Ø 60 mm, mounting opening Ø 68 mm, depth 55 mm, for insulation thicknesses from 60 mm, combination distance 71 mm, protection class IP 30 according to DIN EN 60529, flame-retardant according to DIN EN 60695 up to 850° C, halogen-free according to DIN VDE 0604-2-100, with swivels for mechanically secure fixing in wood fibre insulation boards according to DIN EN 13171, toolless insertion for 4 NYM cables up to Ø 11.5 mm (3 x 1.5 mm², 3 x 2.5 mm² or 5 x 1.5 mm², low voltage) and 4 DIN EN conduits with a diameter of 20 mm, with 4 screw domes, with 2 plus-minus device screws



Article number:  **1159-55**

EAN: 4013456549302

Inner packing / Packaging quantity: 10 / 100

Price group: 180

Dimensions / Form

Product depth: 55 mm

Drill/cut hole Ø: 68 mm

Connections / Entries

Number of entries: 8

For conduit Ø: 20 mm

Assembly / Installation

Min. insulation thickness: 60 mm

Insulation thickness max.: 60 mm

Assembly type: ETICS/external insulation

Safety / Properties

Halogen-free: Yes

The ECON® Iso + one-gang junction box is the solution for electrical installation work in ETICS with wood fibre and rock wool insulation boards. Four swivels, specially designed for use in solid heat insulation and plaster base boards, ensure secure anchoring – also for retrofitting! The ECON® technology elastic sealing membrane guarantees air tightness and allows the toolless insertion of conduits or cables. This means that switches, sockets, intercoms and many more can be installed permanently and securely and heat bridge-free.



Assembly instructions



Certificates



Planning data

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- Air-tight and heat bridge-free electrical installation in accordance with DIN 18015-5 in ETICS
- Suitable for wood fibre and rock wool ETICS from a gross density of 85kg/m³
- Secure mechanical anchoring in the ETICS thanks to 4 swivelling cutting edges
- Special cutter (Art. No. 1088-07) prevents damage to the cable
- Making of combinations is possible