




HENSEL FP 0210 Empty Boxes Owner's Manual

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HENSEL FP 0210 Empty Boxes



Product Information

The FP 0210 empty box is designed for indoor and outdoor installation, protected against weather influences. The box has built-in dimensions of W 216 x H 306 x D 140 mm and a door fastener with tool operation. With a box size of 2 and a transparent door, the box comes with a sealing device for door sealing. The material used to make the box is polycarbonate (PC) and has a grey color with RAL 7035. In order to achieve protection class II and degree of protection IP 65, closing plate sets, single closing plates, and flanges should be ordered separately. The connector is composed of 4 items.

Product Specifications

- **Width:** 270 mm
- **Height:** 360 mm
- **Depth:** 163 mm
- **Weight:** 2,123 kg
- **Protection class:** II
- **Degree of protection against mechanical load:** IK08 (5 Joule)
- **Burning behavior:** halogen-free

Application Area

The box is designed for fire protection in the event of internal faults and is silicone-free and halogen-free in accordance with the examination of the cables and insulated wires – corrosiveness of fumes – as per IEC 60754-2.

Product Usage Instructions

- **Step 1:** Choose the appropriate size of the FP 0210 empty box according to your requirement.
- **Step 2:** Order the closing plate sets, single closing plates, and flanges separately to achieve protection class II and degree of protection IP 65.
- **Step 3:** Order the DIN rails, mounting plates, or covers additionally.
- **Step 4:** Install the box indoors or outdoors, protected against weather influences. Ensure adequate ventilation and/or heating to prevent condensation and maintain the maximum permissible ambient temperature of the installed equipment.
- **Step 5:** Connect the equipment to the connector composed of 4 items.

Empty boxes

FP 0210

- Built-in dimensions W 216 x H 306 x D 140 mm
- door fastener with tool operation
- max. installation depth with built-in mounting plate 136 mm,
- with built-in DIN rail 125 mm box size 2 with transparent door
- sealing device for door sealing order separately
- please order DIN rails, mounting plates or covers additionally
- **connector:** 4 items
- in order to achieve protection class II and degree of protection IP 65, please order closing plate sets, single

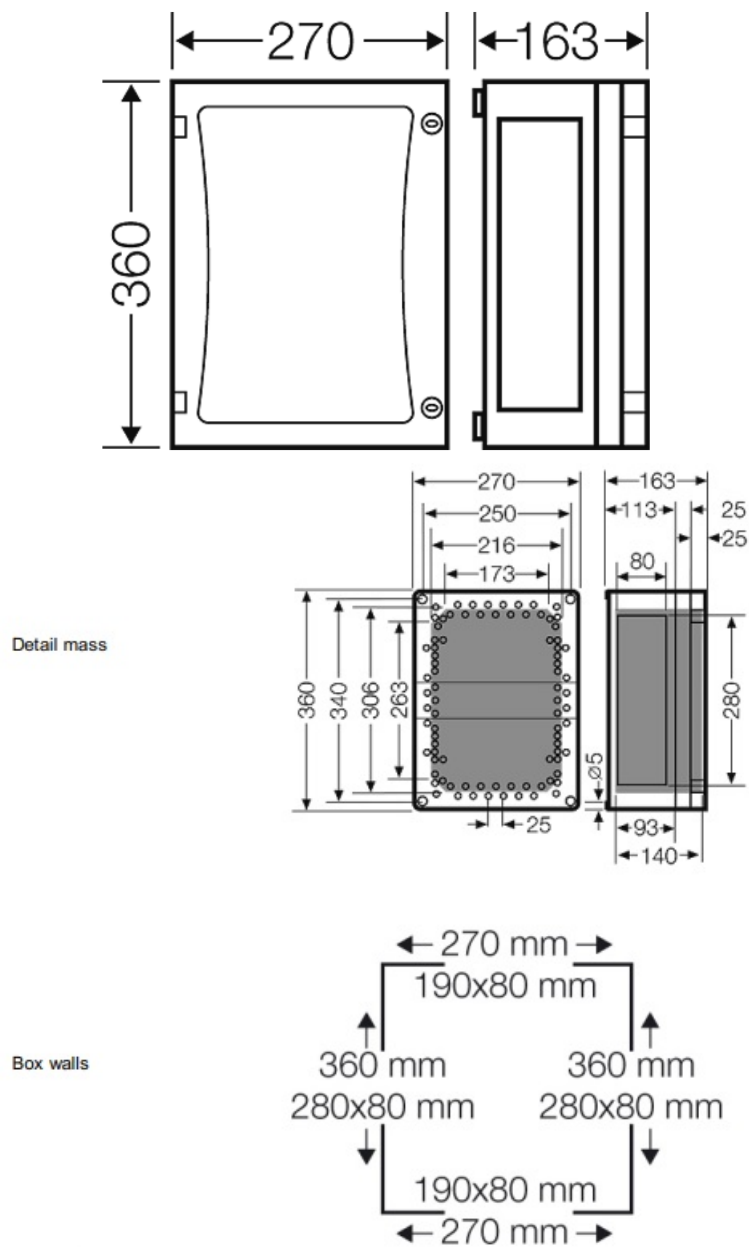
closing plates and flanges separately

- **material:** PC (polycarbonate)
- **protection class:** II
- **colour:** grey, RAL 7035

1. **width:** 270 mm
2. **height:** 360 mm
3. **depth:** 163 mm
4. **weight:** 2,123 kg

Drawings

Dimension drawing



Operating and ambient conditions

Application area

- Suitable for indoor installation and outdoor installation, protected against weather influences
- However, pay attention to the climatic effects on the installed equipment, for example, high or low ambient temperatures or formation of condensed water see technical information

Ambient temperature

- Maximum value + 70 °C
- Minimum value – 25 °C

Fire protection in the event of internal faults

- Demands placed on electrical devices from standards and laws
- Minimum requirements
 - Glow wire test in accordance with IEC 60695-2-11:
 - 650°C for boxes and cable glands
 - 850°C for parts of insulating material necessary to retain current carrying parts in position

Burning behavior

- **Glow wire test IEC 60695-2-11:** 960 °C
- **UL Subject 94:** V-2 flame-retardant self-extinguishing

Degree of protection against mechanical load

- IK08 (5 Joule)

Toxic behavior

- halogen-free silicone-free “halogen-free” in accordance with the examination of the cables and insulated wires – corrosiveness of fumes – as per IEC 60754-2

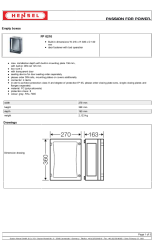
Note

Additional information for protected outdoor installation: – In order to keep the maximum permissible ambient temperature of the installed equipment as well for the prevention from condensation additional measures as ventilation and/or heating may be necessary.
For material properties see technical data.

CONTACT

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Documents / Resources

	<p>HENSEL FP 0210 Empty Boxes [pdf] Owner's Manual FP 0210 Empty Boxes, FP 0210, Empty Boxes, Boxes</p>
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