# 8EMF0010000.0000-2

## 1 Order data

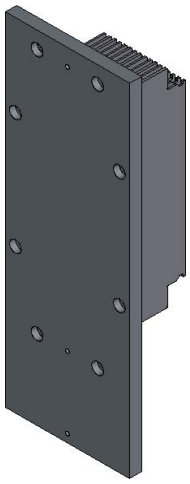
| Order number | Short description | Figure |
|---|---|---|
| | **Feed-through mounting** |  |
| 8EMF0010000.0000-2 | ACOPOS P3 mounting plate, 1 slot, pass-through mounting | |
| | **Required accessories** | |
| | **Fan modules** | |
| 8EXF400.0000-00 | ACOPOS P3 fan module for mounting plate 8EM-Fxxx0000.0000-1 double-width | |
| 8EXF500.0000-00 | ACOPOS P3 fan module for mounting plate 8EM-Fxxx0000.0000-1 single-width | |
| | **Optional accessories** | |
| | **I/O supply cable** | |
| X67CA0P00.0002 | Power connection cable, 4-pin, straight, 0.25 m | |
| X67CA0P20.0010 | Power attachment cable, 4-pin, straight, 1.0 m | |
| X67CA0P20.0020 | Power attachment cable, 2.0 m | |
| X67CA0P20.0050 | Power attachment cable, 4-pin, straight, 5 m | |
| X67CA0P20.0150 | Power attachment cable, 4-pin, straight, 15 m | |
| X67CA0P20.0500 | Power attachment cable, 4-pin, straight, 50 m | |

Table 1: 8EMF0010000.0000-2 - Order data

## 2 Technical data

| Order number | 8EMF0010000.0000-2 |
|---|---|
| **General information** | |
| Number of slots | 1 |
| Cooling and mounting type | Pass-through mounting |
| Certifications | |
| CE | Yes |
| UL | cULus E225616<br>Power conversion equipment |
| **Operating conditions** | |
| Permissible mounting orientations | |
| Hanging vertically | Yes |
| Horizontal, face up | No |
| Standing horizontally | No |
| Degree of protection per EN 60529 | IP65 |
| Degree of protection per UL 50 | Type 12 [1)] |
| **Ambient conditions** | |
| Temperature | |
| Operation | |
| Nominal | 5 to 40°C |
| Maximum | 55°C |
| Storage | -25 to 55°C |
| Transport | -25 to 70°C |
| Relative humidity | |
| Operation | 5 to 85%, non-condensing |
| Storage | 5 to 95% |
| Transport | 95% at 40°C |
| **Mechanical properties** | |
| Dimensions [2)] | |
| Width | 138 mm |
| Height | 384 mm |
| Depth | 96 mm |
| Weight | 3.1 kg |

Table 2: 8EMF0010000.0000-2 - Technical data

1) In order to meet degree of protection Type 12 requirements per UL 50, it must also be ensured that the power supply of the 8EXF fan modules installed on the mounting plate is fused with a maximum of 4 A.
2) The dimensions define the dimensions of the mounting plate. Additional spacing above and below the mounting plate must be taken into account for mounting, connections and air circulation.

# 3 Dimension diagram and installation dimensions

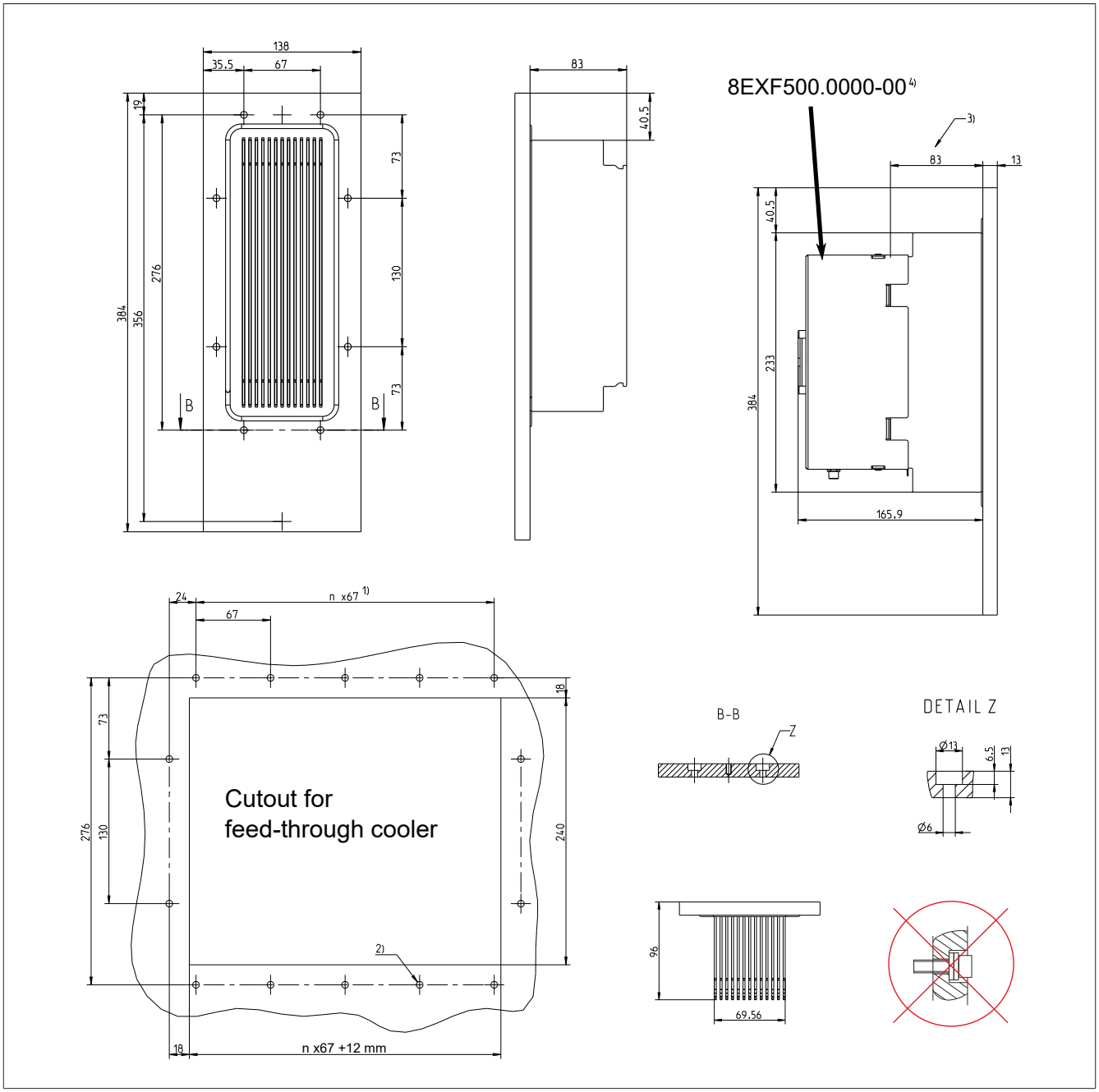



Figure 1: Dimension diagram and installation dimensions

1) n... Number of width units on the mounting plate
2) All drill holes 6 mm
3) Fin depth of the feed-through heat sink without installed fan module 8EXF500.0000-00
4) For sufficient air circulation, a clearance of at least 100 mm must be provided around the fan module.

## Information:

**The fastening elements of the heat sink module are not permitted to extend beyond the mounting plate! Otherwise, the ACOPOS P3 modules cannot be installed on the heat sink module.**

## Note:

**When securing mounting plate 8EMFxxx0000.0000-2, it is important to ensure that the screws are installed on the backplane side such that they comply with IP65 protection requirements per EN 60529.**