8EMF0010000.0000-2

1 Order data

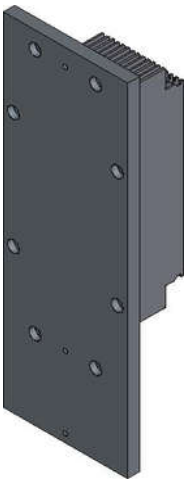
Order number	Short description	Figure
	Feed-through mounting	
8EMF0010000.0000-2	ACOPOS P3 mounting plate, 1 slot, pass-through mounting	
	Required accessories	
	Fan modules	
8EXF400.0000-00	ACOPOS P3 fan module for mounting plate 8EM-Fxxx0000.0000-1 double-width	
8EXF500.0000-00	ACOPOS P3 fan module 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 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

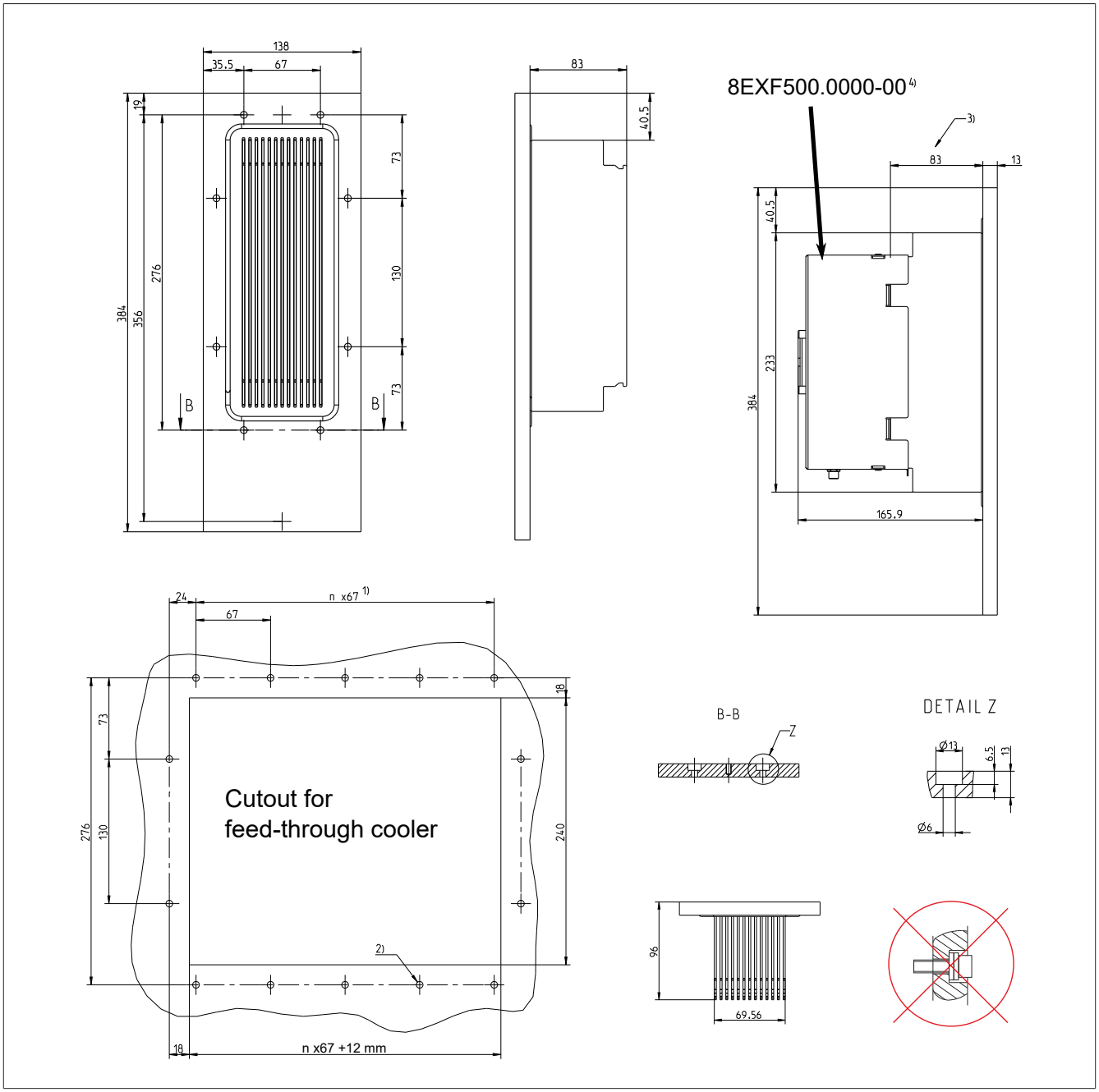


Figure 1: Dimension diagram and installation dimensions

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.