

B

Empty-Module-Housings M-512

Material

Polyamide, grey
self-extinguishing to UL 94, V-2
Temperature limits (minimum values):
short-time 140°C/ 284°F
continuous 80°C/ 176°F
cold-resistant -40°C/ -40°F

Description

Series M-512 is a complete system of module housings for an extremely wide variety of P.C.board sizes.
The diverse range of accessories on offer broadens the scope for application-specific circuit design.

Side Elements and Intermed. Elements

These parts are available in four widths (W):
Width 01: 76 mm (3.00 in)
Width 02: 90 mm (3.55 in)
Width 03: 104 mm (4.10 in)
Width 04: 118 mm (4.65 in)
The P.C. Board width must be 4 mm/0.16 in less than the width of the module housing.

Printed circuit board lengths

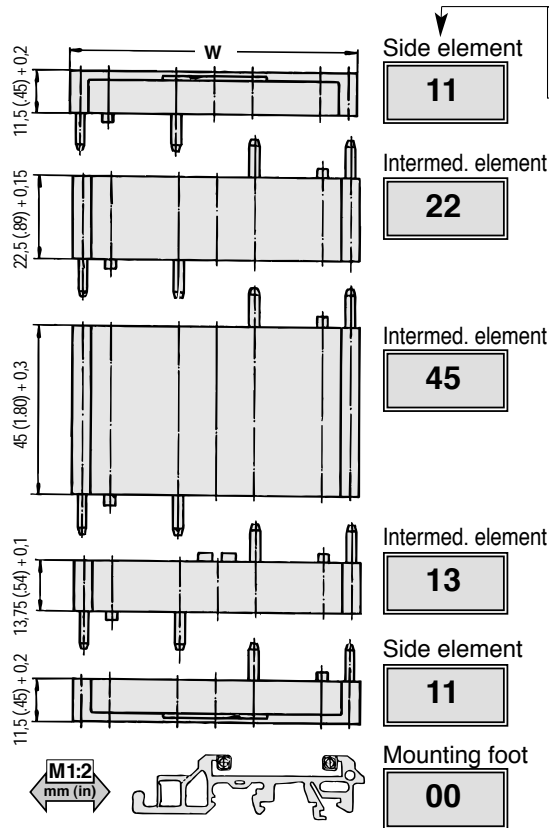
The possible lengths equally apply to all four widths. These begin with 20 mm (0.79 in) plus 0,4 mm tolerance, whereby only two side walls and one self-locking foot can be used. All further lengths (then with a minimum of two self-locking feet) are given by adding the dimensions of the intermediate pieces used, see also table on right.
The printed circuit board length can also be determined in the following way: Overall module length minus 3 mm (0.12 inch) = printed circuit board length.

Mounting Feet

The self-locking feet are inserted into the housing parts during assembly of the module. They can be snap-fitted to all standard mounting rails according to DIN EN 50 022/ -035/ -045. All individual housing parts interlock, and are therefore vibration-resistant.

Options

- ⊗ Side walls, covers, symbol carriers and mounting rails, see page after next.
- ⊗ Terminals for printed circuit boards, see Product Group A
- ⊗ Printed circuit board assemblies as required.



Code
(see Order Table, "Housing elements")

Order Table

Empty Module Housing -Type: M-512	Width (W): Side- and intermediate elements (mounting feet have a lever with corresponding length): 76 mm → 01 90 mm → 02 104 mm → 03 118 mm → 04	Housing Elements: Side element → 11 Intermed. el. 22,5 mm → 22 Intermed. el. 45 mm → 45 Intermed. el. 13,75 mm → 13 Mounting foot → 00									
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