



Module Housings



TYPE M-513 Inventory Check



RoHS WEEE Pb free compliant

Description

Series M-513 empty module housings supplement the existing series M-512. Module design flexibility is provided through a 2 meter length (78.7 in.) extrusion, which allows tailoring to any practical module size; this extruded plastic may be easily cut with common hand tools. Two screws fasten the end plates. Please see the "How to order" box below.

The width is 76 mm (3.0 in.), the same as that of width 01 of the M-512 series. It is intended for 72 mm (2.84 in.) printed circuit boards. The needed extrusion length can be calculated by adding 3 mm to the circuit board length to provide space for the two end plates.

Mounting feet

Series M-513 module housings are equipped with M-512 mounting feet. The mounting feet slide into the extrusion and snap into the side panels, resulting in a rugged assembly.

The feet are "universal" and are designed to fit all standard DIN EN 50022, 50035 and 50045 mounting rails.

Note that a variety of different WECO connectors can be supplied for use in WECO module housings.

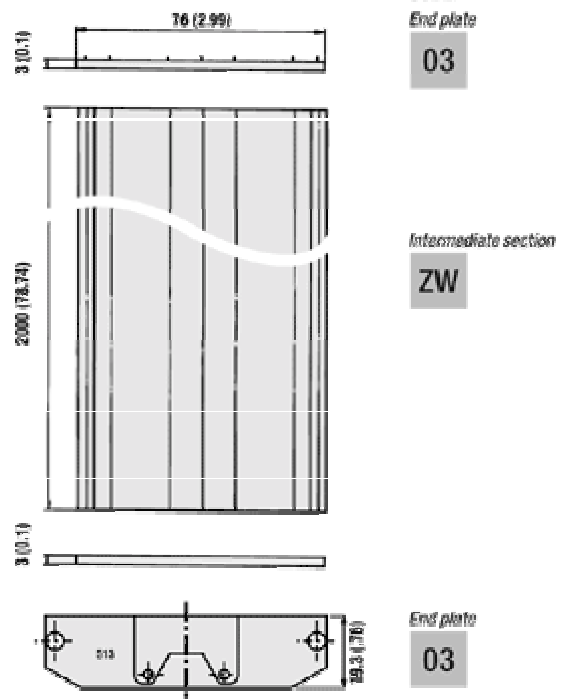
Application

The M-513 and its sister M-512 module housing are

Material

Molding: Extrusion: PVC hard, End Plates and Mounting foot: Polyamide, (Extrusion and End Plates) self extinguishing to UL 94, V-0 (Mounting foot) self extinguishing to UL 94, V-2, color grey

Terminal




CODE: see "How to order" box.

Dimensions: mm (in.)

ideal for mounting one or more printed circuit boards (PCB) loaded with small and large active and passive components. Transformers, capacitors, coils, chokes, relays, contactors, rectifiers, resistors, semiconductors, diodes, component plugs and integrated circuits can be contained in one rail mounted unit with interconnection devices at convenient PCB locations. The interconnection devices can be WECO PCB mounted single or multi-level screw tightened terminal blocks, depluggable headers, pin strips and plugs. D-sub's and any other connection devices are available. The components can all be covered for protection leaving the interconnection devices outside to allow easy access. During the design phase of the PCB choose a 72 mm (2.84 in.) width PCB that fits into this module housing as per the drawings. Also allow room on the PCB for any covers that may restrict the use of the PCB surface or restrict the overhead clearance above the PCB. The PCB's length is more flexible. The M-513 module housing is custom cut to length to your specifications by coupling two standard end sections (left and right) to a middle section that has been cut to your precise requirements. The PCB is imbedded securely all around its perimeter by the engineered slots in the intermediate and end sections thus assuring a safe, stable and secure mounting that is robust to vibration and human factors. To assemble a complete module, see the exploded view for the assembly details and references to the mating components. Choose all the module subcomponents yourself, let WECO assist you or let WECO build everything for you.

Item **M-513**

Accessories Module Housing Accessories, Types M-512.
DIN Mounting Rails.

	DESCRIPTION:		LENGTH:		DIMENSIONS:
	end plate: O3 intermediate section: ZW end plate mounting screw: SC		(for code ZW only)		centimeters: CM inches: IN (for code ZW only)
M-513-01		-			