

MTA

C-MEC 138: the new power distribution unit featuring PCB technology

Shanghai, 24th November 2020. MTA a multinational company, headquartered in Italy, known for the development and production of a wide range of electrical and electronic products for major OEMs, is introducing during Bauma CHINA 2020 (Hall N1, Stand 553) its C-MEC 138 electromechanical unit, specifically designed for off-highway applications. Developed with PCB (Printed Circuit Board) technology, C-MEC 138 is in charge to distribute power and to protect the primary electrical services.

For many years MTA has been a leading company in the field of electrical protection for the automotive market, and in particular for the off-highway sector. MTA has expanded its traditional range of wired products to include the alternative with PCB, a technology that allows it to perform the same functions as wired units with the advantage of optimizing cables, facilitating assembly in production lines, and direct supply to the manufacturer who can install the unit directly on the vehicle.

The MEC 97 unit with PCB made with press-fit, a technology that MTA has chosen as an alternative to welding, was designed for the engine compartment and has been available for some years now. For installation in the cabin the C-MEC 138 is now available, designed and built with features similar to the MEC 97, i.e., with press-fit technology and with a high level of customization.

The C-MEC 138 has a rational design, including a base that always remains the same, a customizable mask with unconnected connectors. Where the customer needs to change only the fuses, he will keep the mask, the connectors and the existing PCB. Where the contents remain the same, but there is a need to change the scheme, with a very small investment and very short lead times, the PCB alone will be changed. If both the PCB and the contents do not correspond to the customer's needs, just the PCB and the mask can be redesigned. The changing of the latter, not having integrated connectors, will require a relatively simple mold, with reduced costs and time.

The C-MEC 138 is ideal for new applications and for those who already use MTA five-way frame, with which it is perfectly interchangeable.

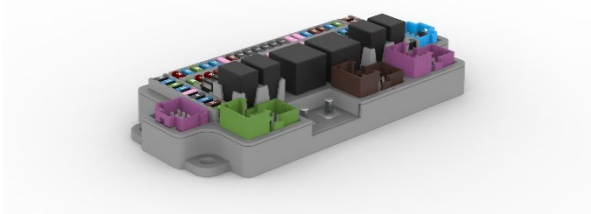
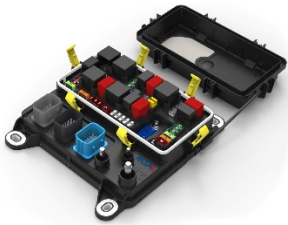

MTA S.p.A.

Sede: Italy | 26845 Codogno (LO) | V.le dell'Industria, 12 | T. +39 0377 4181 F. +39 0377 418493

Unità locale: 42047 Rolo (RE) | Via dell'Ecologia, 3 | T. +39 0522 1827201 F. +39 0522 1827266





Capitale Sociale € 8.000.000 int. vers. | Registro delle Imprese, C.F. e P. IVA IT00828540153 | REA 869922 | N. Meccanografico LO 000520
infoitaly@mta.it – www.mta.it

IMAGES

	<p>C-MEC 138 is a power distribution unit for cabin compartment and it is developed with PCB and press-fit technology. It has a high level of customization.</p>
	<p>MEC 97 is a power distribution unit for engine compartment, developed with PCB and press-fit technology. It has a high level of customization.</p>
	<p>MTA's logo</p>

MTA S.p.A. is a global leader in the development and production of a wide range of electromechanical and electronic products developed internally for the primary manufacturers of cars, motorcycles, on and off-highway vehicles. Founded in 1954, MTA has two production sites in Italy (Codogno and Rolo), 8 foreign sites, sales of about €203 million, and 1,550 employees.

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COM&MEDIA – Ufficio Stampa MTA
Barbara Maggi – Silvia Casazza
T. +39 (0)2 45409562 uffstampa@comemedia.it

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