

The Modular Electrical Centers become “smart”

Hannover, November 12th, 2023. MTA, a multinational company operating in the global automotive sector through 3 divisions – Electric, Electronic and Power Electronic – announces during Agritechnica 2023 (Hall 17, Stand F41) that MEC 97, Maxi-MEC and C-MEC 138, modular electrical centers for the distribution and the protection of services, specifically designed for agriculture and construction applications, are now “smart” thanks to the new CAN Module Plug-in. MEC 97, Maxi-MEC and C-MEC 138 are plug & play Modular Electrical Centers, realized with PCB and press-fit technology for maximum customization of fuses and relays content and wiring diagram according to customers’ application needs.

The MEC 97 and the Maxi-MEC are designed for the engine compartment, while the C-MEC 138 for cabin installation; they have a rational design, compact dimensions and allow to integrate all the functions in one piece, thus eliminating the need of using different modules and associated wirings. They offer clear advantages from both a system and cost perspective and guarantee to the user significantly reduced assembly times.

The CAN Module Plug-in is able to drive the MEC’s relays and to connect them to the CAN Bus of the vehicle, a feature more and more requested by OEMs. Through CAN Bus, the module can in fact transmit the commands to generate the actuations needed, as well as convey diagnostic information.

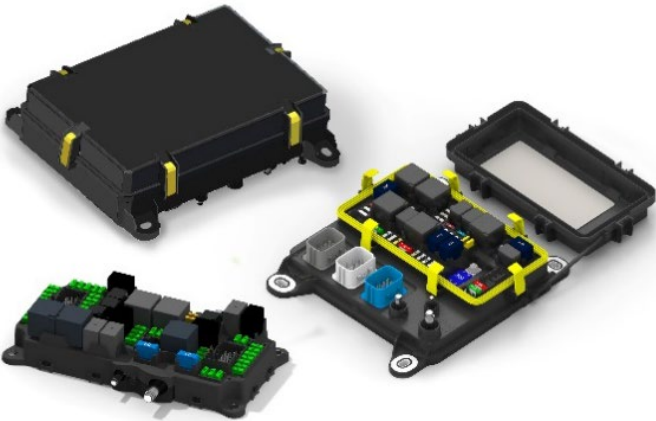
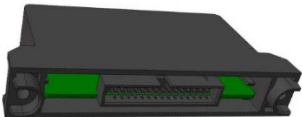
The CAN Bus Module, like MTA customizable dashboards, displays and ECUs, can be programmed through MTA Studio®, a software tool developed in-house that allows even the less experienced to customize all products – both off-the-shelf and custom – easily and quickly. This represents a great advantage for those already using some MTA products, allowing to obtain the best synergies.

MEC 97, Maxi-MEC and C-MEC 138 are available in off-the-shelf range, but they have also already been customized for major players of agriculture sector.

MTA S.p.A.






Sede: V.le dell’Industria, 12 – 26845 Codogno (LO), Italy | T. +39 0377 4181 F. +39 0377 418493
Unità locale: Via dell’Ecologia, 3 – 42047 Rolo (RE), Italy | T. +39 0522 1827201 F. +39 0522 1827266
Unità locale: Via Monfalcone, 41 – 20092 Cinisello Balsamo (MI), Italy | T. +39 02 25563100
Capitale sociale € 8.000.000 int. vers. | Registro delle imprese di Milano, Monza Brianza e Lodi, C.F. e P. IVA: IT00828540153
REA: 869922 | Certificazione AEO: IT AEOF 17 1238
PEC: mtaspa@pec.it | infoitaly@mta.it | www.mta.it

Images

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MTA S.p.A. is a multinational company operating in the automotive sector through 3 Business Units: Electrical, Electronic and Power Electronic. From design to industrialization, MTA produces a wide portfolio of components for the primary manufacturers of cars, motorcycles, trucks, agricultural and earth moving machines.

Founded in 1954, MTA globally owns 10 sites and 4 technical sales offices. Nowadays, MTA employs 1,780 people and has a turnover of € 300 million, the 12,7% of which are invested in R&D.

 Website www.mta.it
 LinkedIn [mta-s-p-a-](https://www.linkedin.com/company/mta-s-p-a/)
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 YouTube [MTAItaly](https://www.youtube.com/MTAItaly)

COM&MEDIA – MTA Press Office

Barbara Maggi - Sara Rovelli

T. +39 02 45409562 – internationalpr@comemedia.it

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