

MTA: the safety power distribution unit “Pyro” for Renault

Codogno (LO), Italia, 2nd November 2021. MTA, a company known for the development and production of a wide range of electrical and electronic products for the automotive world, renews its long partnership with Renault, active for almost 20 years, thanks to the development of a new power distribution unit, named “Pyro”.

For some Renault vehicles, such as Clio HEV, Captur PHEV and Mégane PHEV, MTA developed a 14 V power distribution unit composed of an output with a 200 A fuse, an output with a 40 A fuse and a pyroswitch on the 200 A fuse line. The unit is connected to the main 12 V battery.

The pyroswitch is a disconnecting device operated by a signal coming from the airbag control unit in the event of an accident. Its intervention stops the power supply to the electrical components powered by the 200 A fuse, while the electrical utilities powered by the 40 A fuse remain active since they can help reducing the time for the assistance of the vehicle occupants in some accidents.

The “Pyro” units are now supplied to Renault in 4 models which differ in the terminal or the battery terminal they mount.

The “Pyro” units are produced in MTA Kenitra plant (Morocco) and supplied directly to Renault.

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
Capitale sociale € 8.000.000 int. vers. | Registro delle imprese, C.F. e P. IVA IT00828540153
REA: 869922 | Certificazione AEO: IT AEOF 17 1238
infoitaly@mta.it – www.mta.it

Images



The safety power distribution unit Pyro by MTA for Renault



The safety power distribution unit Pyro by MTA for Renault – exploded view

MTA S.p.A. is a global leader in the development and production of a wide range of electrical and electronic products developed internally for the primary manufacturers of cars, motorcycles, tractors, and heavy vehicles. Founded in 1954, MTA has two production sites in Italy (Codogno and Rolo), 8 foreign sites, sales of about €187 million, and 1,640 employees.



Website

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COM&MEDIA – MTA Press Office

Barbara Maggi – Silvia Casazza

T. +39 02 45409562 uffstampa@comemedia.it

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