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## PRESSINFORMATION

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### ODU-MAC® Power Connector

#### Portfolio now complete with a solution for manual mating

With the new ODU-MAC® Power Connector M216 / M316, ODU is adding a manually pluggable solution for high-current and high-voltage applications to its portfolio. In addition to the established D216 / D316 docking and installation variants, users now also have a housing variant made of robust aluminum.

#### Proven technology for maximum performance

The ODU-MAC® Power Connector impresses with the combination of high-current and high-voltage transmission up to 600 A in one connector, with two bridged contacts using a busbar, with high user safety thanks to IP2X touch protection.

The proven ODU LAMTAC® flex contact system enables low plugging and demating forces and is designed for more than 10.000 mating cycles. Typical fields of application are electromobility, end-of-line testing and high voltage tests.

The D216 / 316 versions are used as docking connectors with two or three power contacts and are preferably inserted in automated inspection and test environments. The combination of high-current and high-voltage transmission and integration with Blue-Line modules in one connector enables customers to achieve a high degree of flexibility and fulfill the high requirements for current, voltage and data technology, especially in the field of automotive testing or battery testing.

As an installation variant, the HB16 hybrid block offers a space-saving solution in a smaller format and can also be integrated as a power block in the ODU-MAC® Black-Line mass interconnect solution to transmit high currents.

#### M216 / M316 - the solution for manual inserts

With the M216 / M316, the ODU-MAC® Power Connector is now also available for manual inserts for the first time. The robust enclosure, pre-assembled silicone cables and ODU LAMTAC® FLEX contacts ensure maximum

reliability and a long service life of more than 10.000 mating cycles.

Just like the docking version, the manual solution of the ODU-MAC® Power Connector can also be flexibly combined with the ODU-MAC® Blue-Line modules and offers a wide variety of transmission types - from signal, power and high-current to HF signals (coax), compressed air and fluid coupling through to data rates and fiber optic.

The modular connectors also make maintenance and servicing easier. While other solutions use several connectors to supply a test bench with the necessary currents, the M216/M316 does this in a single plugging process, thus reducing downtimes thanks to its simple handling. As a system solution, all cables are available pre-assembled, meaning less work for customers.

#### Brief overview of the ODU-MAC® Power Connector portfolio:

M216 / M316	D216 / D316	HB16	Power Block
Manual mating	Docking	Manual mating	Mass Interconnect
Can be combined with ODU-MAC® Blue-Line modules	Can be combined with ODU-MAC® Blue-Line modules	Signal transmission, sense, air/fluid, data rate	Signal transmission, sense, air/fluid, data rate
Up to 240 A	Up to 600 A with bridged contacts	Up to 240 A	Up to 600 A with bridged contacts

#### Further information:

[Product Finder](#)

[Website](#)

[Brochure](#)

#### ODU Group: Global representation with perfect connections

ODU is one of the leading international suppliers of connector systems and employs around 2.800 employees worldwide. In addition to its company headquarters in Muehldorf a. Further production and product development sites are located in Sibiu / Romania, Shanghai / China, Tijuana / Mexico and Camarillo / USA. ODU combines all relevant areas of expertise and key technologies including design and development, machine tooling and special machine construction, molding, stamping, turning, surface engineering, assembly, and cable assembly. The ODU group sells its products globally through an international distribution network This includes its own sales companies in China, Denmark, Germany, France, Hong Kong, Italy, Japan, Korea, Austria, Sweden, the UK and the USA, as well as numerous global sales partners. Connectors from ODU ensure the reliable transmission of power, signals, data and media in numerous demanding application areas: in medical technology, military and security technology, automotive as well as in industrial electronics or test and measurement.