Kicker:

MQ 15 connectors from Murrelektronik are becoming more and more popular

Headline:

***A standard and its success story***

Teaser:

**System designers are increasingly opting for MQ 15 connectors to supply power quickly, cost-effectively and safely to asynchronous or three-phase motors up to 7.5 kW or to frequency converters. The standardization of the pin assignments for AC and DC applications in accordance with the international standard IEC 61076-2-116 and the resulting guaranteed manufacturer-independent compatibility have further boosted this trend. Murrelektronik's highlight: the innovative fast connection system reduces assembly time by up to 80 percent – and the connection is sealed to IP67.**

Text:

As with the increasingly popular decentralized system solutions for automation without control cabinets, **Murrelektronik** is also a forerunner in this field. This is because the **MQ 15 connectors** fit perfectly with the company's DNA: to make industrial automation **as simple, seamless and cost-efficient as possible** with smart solutions.

In this case, there is another important advantage: the compact design. The **MQ 15 connectors** transmit high currents in the smallest of spaces – making them **perfect for systems where space is limited.**

So instead of always relying on expensive M23 connectors – and thus incurring unnecessary costs in some cases without any meaningful benefit – **Murrelektronik** has also developed an extensive series of **MQ 15 connectors** that can cover a wide range of applications with power transmission values of up to 16A continuous load at a voltage of 600V for AC applications and 20A at a voltage of 48V for DC applications. And this all over the world, thanks to CE certification and UL approval.

**Superior quality and very attractive price/performance ratio**

In addition to these benefits due to the standard, **Murrelektronik's MQ 15 connectors** have a number of technical features that make life easier for customers.

For example, the innovative **quick-release system** **reduces the time** required for installation, service and maintenance **by up to 80 percent**. A quarter turn, an audible and perceptible "CLICK" to indicate a successful connection – and the power is flowing.

The connection is **dust- and splashproof to IP67**, as well as **shock and vibration resistant**, making it **fully suitable for industrial use**, even in harsh conditions. And the hard silver-plated contacts guarantee long life (up to 500 mating cycles). Another important quality feature is the **full PUR overmoulding of the ready-to-connect cables.**

**Murrelektronik** also uses **high-performance plastics instead of expensive metal parts** – this is why the company's **MQ 15 connectors** have the **best price-performance ratio on the market.**

There are many good reasons to rely on this standard and **MQ 15 connectors** from **Murrelektronik** in the future.

Picture:

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| **Murrelektronik** is not only **the leading company for decentralized electrical automation technology,** but also a forerunner for the **MQ 15 standard** in the field of **power connectors.**  The company offers a comprehensive range of **MQ 15 connectors** that combine superior quality with a very attractive price/performance ratio.  In addition, the **innovative quick-release system** reduces installation, service and maintenance time **by up to 80 per cent.** |  |

**About Murrelektronik:**

Making industrial automation as simple, seamless and cost-efficient as possible with smart solutions: Murrelektronik is the forerunner in decentralized electrical automation technology and has become, based on this DNA, the leading company in this field. Murrelektronik's solutions bring signals, data and power close to the process, eliminating the need for control cabinets. For almost 50 years, more and more customers worldwide from all manufacturing industries have placed their trust in this special expertise. Headquartered in Oppenweiler, Germany, the successful family-owned company has an extensive network of over 3,200 experts in more than 50 countries. With several global production and logistics locations, Murrelektronik is close to its customers to solve their diverse challenges quickly and smartly. The company has continued to expand its portfolio and covers a wide range – from connectors to I/O systems, power supplies and network technology up to the fast and easy installable, modular complete solution for cabinet-free automation, called Vario-X. As part of the plug and play mindset, Murrelektronik also offers holistic digital services supporting installation, commissioning and maintenance. Learn more here: [www.murrelektronik.com](http://www.murrelektronik.com)

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