********New power supplies with basic functionality**

The Uno Power product range from Phoenix Contact has been extended to include two new compact and highly efficient power supplies:

Not only do they offer an adjustable DC output voltage of 24 to 28 V DC, the power density has increased from 240 W/dm³ to over 325 W/dm³. This means that these devices are able to reliably supply loads with 150 and 240 W. Compared with many older design products, these power supplies save more energy due to their high power density. This is achieved through low idling losses below 0.3 W and optimised efficiency of over 94%. The devices are suitable for use worldwide thanks to their UL approval and the wide range input.

Due to the high level of energy efficiency, just a very small amount of electrical energy is converted into unwanted heat energy. The product range supports input voltages from 85 to 264 V AC and operates reliably even in the event of voltage fluctuations in the power supply network. In the case of higher input voltages from 264 to 575 V AC, the 2 AC device with 24 V and 90 W is used. Two modules with 90 W output power are suitable for applications that require certification according to UL 1310/508 Listed Class 2.

Mains failure buffer times up to 140 milliseconds under full load and an MTBF (Mean Time Between Failure) of over 500,000 hours at an ambient temperature of 40°C according to IEC 61709/SN 29500 result in high operational reliability and a high-quality power supply. The wide operating temperature range from - 25 to + 70 °C also enables use outdoors. The UNO POWER range now consists of a total of 17 modules. The power supplies for 5, 12, 15, 24, and 48 V DC output voltage are available in the 25, 30, 40, 55, 60, 90, 100, 150, and 240 W performance classes.

**Ends**

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