

Press Release

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M640

IEC Outlet with IDC Terminals Speed Assembly for Power Distribution Units

SCHURTER announces its latest IEC appliance outlet with insulation displacement contact (IDC) terminals, the 4710. The new outlet provides increased power ratings over the popular 6610 series for heavier duty PDU applications.



The 4710 is a J style outlet according to IEC 60320, rated 20 A @ 250 VAC by UL/CSA and 16 A @ 250 VAC by ENEC. The lower current version, 6610 series, is a style F outlet, rated 15 A @ 250 VAC and 10 A @ 250 VAC respectively. The 4710 provides IDC terminals for 10 AWG / 6.0 mm² in addition to 12 AWG / 4.0 mm², which is the standard wire size for the 6610. The new wire option allows for larger diameter wire for the 4710's increased power capabilities. The snap-in outlets fit panels with a thickness between 0.8 mm and 3 mm.

The 4710 and 6610 outlets are qualified for use in applications designed to IEC/EN 60950. Ideal for use in power distribution units, and other equipment where multiple outlets are banked in series, these IDC outlets allow wires to be bussed across the terminals, thereby connecting common terminals all at once and significantly reducing labor costs. The IDC terminals are arranged either along or across the connector pin axis for a horizontal or vertical mounting orientation. Wires are pressed into place with the protective back cover or with a tool. Versions with combination IDC and a quick-connect or solder terminal, for separate wiring of the line connection, are also available.

The outlets are offered with light pipe options for status indication. They also mate with V-Lock latching cordsets designed to prevent unintentional disconnection from the power. Approvals include cURus, ENEC and CCC.

Technical Data:

- Standards: IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1-11
- Approvals: ENEC, UL, CSA
- Nominal rating IEC/CCC: 16 A / 250 VAC, 50 Hz
- Nominal ratings UL/CSA: 20 A / 250 VAC, 60 Hz
- Permissible operating temperature: -25 °C to 70 °C
- For solid wires with cross-sections 10 AWG / 6.0 mm², 12 AWG / 4.0 mm² and 2.5 mm²

Internet:

[Datasheet 4710](#) [1]

[Microsite 4710](#) [2]

[Video Mounting 4710](#) [3]

Company:

SCHURTER is an internationally leading innovator and manufacturer of electric and electronic components. The company focuses on safe power supply and easy-to-use equipment. Its extensive product portfolio comprises standard solutions in the fields of circuit protection, plugs and connectors, EMV products, switches, input systems and electronic manufacturing services. SCHURTER's global network of representative offices ensures reliable delivery and professional customer service. Where standard products are unsuitable, the company develops client-specific solutions.

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[1]: <http://www.schurter.com/en/datasheet/4710>

[2]: <http://4710.schurter.com>

[3]: <https://youtu.be/8etrAkMPhDY>