

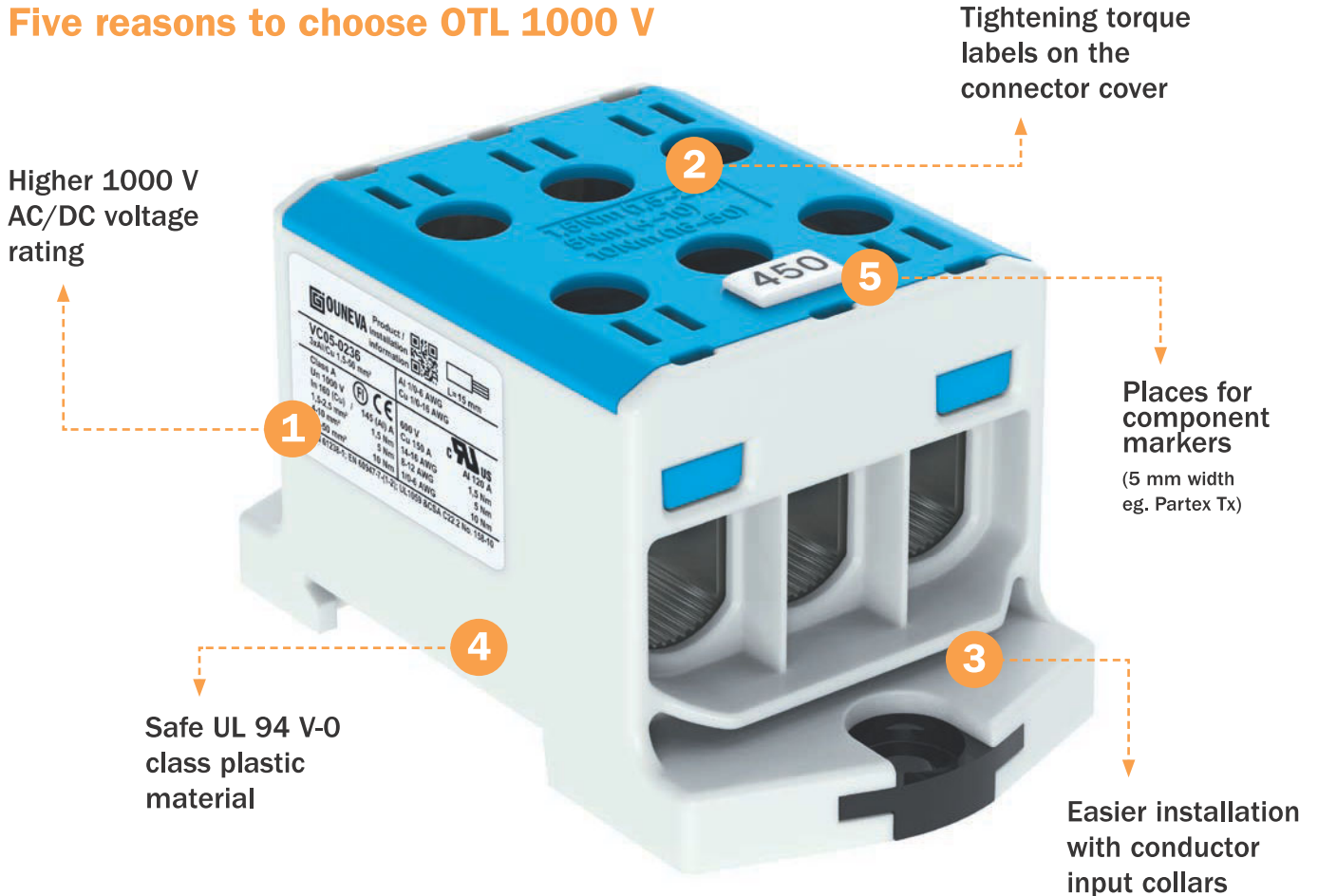
OTL 1000 V

General/use: New OTL 1000 V connector series offers the best quality, safety and installation features on the market. OTL-connectors are designed to be used when connecting and branching aluminium and copper cables.

Materials: Bodies of the connectors are made of aluminium and plated with tin. Insulating covers are made of UL 94 V-0 class polyamide.

Certification and applied regulations:
EN 60947-7-1:2009, EN 61238-1:2003

Five reasons to choose OTL 1000 V



Material classification according to UL 94 standard (vertical burning test)

Criteria Conditions	94V-0	94V-1	94V-2
Total flaming combustion for each specimen	≤ 10 sec	≤ 30 sec	≤ 30 sec
Total flaming combustion for all 5 specimens of any set	≤ 50 sec	≤ 250 sec	≤ 250 sec
Flaming and glowing combustion for each specimen after second burner flame application	≤ 30 sec	≤ 60 sec	≤ 60 sec
Cotton ignited by flaming drips from any specimen	No	No	Yes



Certification and product safety

When choosing electrical connector, always make sure to select reliable and safe, certified connector. The requirements for connectors used with copper conductors inside switchgears and similar appliances are specified in standard EN 60947-7-1:2009. All connectors used inside switchgears or similar appliances must fulfil these requirements.

The requirements for connectors designated to be used with aluminium power cables are specified in standard EN 61238-1:2003. Connectors that have been tested and certified in accordance with standard EN 61238-1:2003 are divided into two classes.

- Class A (short circuit tested) - usage examples: feed-in connections, switchgears/appliances, universal
- Class B (not short circuit tested) - usage limited only to special circuits protected by fast-acting fuses

Ouneva OTL-connectors are tested and certified class A connectors, that are compatible with copper and aluminium conductors.

For choosing safe and reliable connector, always make sure that the terminal is equipped with CE and Class A markings with the symbol of certifying institute, for example FI-mark.