



OMICRON

Three-phase generator cable for CMC 500

Supplementary sheet



Designated use

The generator cable is an accessory for *CMC 500* test sets. It allows 3-phase connections between any of the *CMC 500* analog output modules and the device under test.

Safety information

- ▶ Only use the generator cable in combination with a *CMC 500* test set.
- ▶ Before operating the cable, make sure you have read this document and the Safe Use manual of the *CMC 500* and fully understood all instructions.
- ▶ If the cable is damaged or not in technically sound condition, do not use it.

WARNING

Death or severe injury due to electrical shock

Operating the cable outside the current specification leads to high temperatures and a damaged isolation. This can cause burns or electrical shock.

- ▶ Consider the specification of the cable and current output.
- ▶ Ensure that the current on the neutral conductor is within the specification.
- ▶ Do not use the generator cable for single-phase high-current injections, because the currents of the amplifier outputs sum up on the neutral conductor.
- ▶ Ensure that the cable is fully rolled out before using it.

Technical Data

Characteristic	Specification
Rated voltage	600 V, CAT II
Rated current (for any phase and neutral conductor)	30 A continuous 60 A with pulsed operation (2 s on / 10 s off)
Length	3 m (10 ft)
Certified safety standards	
Europe	EN IEC 61010-031
International	IEC 61010-031
USA	UL 61010-031
Canada	CAN/CSA-C22.2 NO. 61010-031

Fulfilled directives

European Union

The equipment adheres to the guidelines of the council of the European Community for meeting the requirements of the member states regarding the following directives:

- Low voltage directive (LVD)
- RoHS directive

United Kingdom

The equipment adheres to the regulations of the UK government for meeting the requirements regarding the following regulations:

- Electrical Equipment Regulation (Safety)
- Regulation for Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment