

EC DECLARATION OF CONFORMITY

Ref. No. 11/22

The declaration of conformity is issued by:

CZ-elektronika plus, spol. s ro ID: 28825187
Nádražní 219, 549 01 Nové Město nad Metují

as the manufacturer of the product:

- single-stage, two-stage and three-stage voltage and frequency protection Uf guard
- single-stage, two-stage and three-stage voltage and frequency protection Uf guard S with integrated power switch-disconnector

Description and function of the product:

device for detecting undervoltage, overvoltage, underfrequency, overfrequency in a selected time interval in low voltage distribution networks. In case of non-compliance with the set values, the device sends a command by opening the contacts of a potential-free relay leading to the disconnection of the power generation plant or consumer from the low voltage distribution network. It allows the relay to be disconnected by a command from the mass remote disconnection decoder.

I declare and confirm that

This product complies with the requirements of Government Regulation No. 118/2016 laying down requirements for electrical equipment and 117/2016 Coll. laying down technical requirements for products in terms of their electromagnetic compatibility

The following harmonized standards were used for the conformity assessment:

- WEEE (RoHS)

EMC tests – emissions:

EN 61000-3-2, 3, 11; EN 55011 - RF interference

EMC operational immunity tests: EN

61000-4-2 Electrostatic discharge EN

61000-4-3 RF electromagnetic field EN

61000-4-4 Transients/bursts EN 61000-4-5

Section 5: Surge

EN 61000-4-6 Conducted radiation

EN 61000-4-8 Magnetic field

Functional tests:

EN 61000-4-30 Testing and measurement techniques - Power quality measurement methods

EN 50438 Requirements for parallel connection of microgenerators with public low-voltage distribution networks

Safety tests:

EN 61180-1 High voltage test technique for low voltage equipment

EN 61010-1 Safety requirements for electrical equipment for measurement, control and laboratory use – General requirements

EN 61010-2-201 Safety requirements for electrical equipment for measurement, control and laboratory use - particular requirements for control equipment

EN 61140 Protection against electric shock - Common aspects for installation and

equipment EN 60695-1-11 Fire hazard testing - Part 1-11: Fire hazard assessment

In Nové Město nad Metují, on November 10, 2022

CZE+ CZ-elektronika plus s.r.o.
Nádražní 219
549 01 Nové Město nad Metují
IČ: 28825187 DIČ: CZ28825187
www.cz-elektronika.cz
info@cz-elektronika.cz

1

Petr Hlavacek
company executive

