CERTIFICATE FI/41948

Our Ref. HEL-CERT200600282-02

Product	Switchgear and controlgear assembly system
Type	FTS-...
Certificate Holder	Fibox Tested Systems Oy Hovinpelto 2 FI-74700, Kiuruvesi, Finland
Technical information	I_{nA} 1600 A (max), U_n 1000 V (max), 1...3/N/PE, IP20...IP66/IP67
Other information	See page 3/3 of this Certificate
The product is certified according to the following standard(s)	EN 61439-1:2011 EN 61439-2:2011 EN 61439-3:2012
Validity	This certificate is valid until 2026-06-30 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.
Date of issue	2024-04-05

SGS Fimko Ltd

Signature

Seppo Lautamies
Project Manager

SGS Fimko Ltd
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Business ID 0978538-5 Member of the SGS Group (SGS SA)

Manufacturer	Fibox Tested Systems Oy Hovinpelto 2 FI-74700, Kiuruvesi, Finland
Manufacturing sites	1. Fibox Tested Systems Oy Hovinpelto 2 FI-74700, Kiuruvesi, Finland 2. Fibox Tested System Oy Dzieciola 19 04-988, Warszawa, Poland 3. Fibox Tested Systems Oy Rajasilta 6 FI-33880, Lempäälä, Finland
Directive information	The certified product(s) fulfils requirements of mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

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Additional information

Short-circuit strength (max)	I_{cc} / I_{cw} < 10 kA, I_{pk} < 17 kA or tested value
EMC Environment	A and/or B
Functional units	Fixed parts
Enclosure	EN 62208
- Degree of protection (EN 60529)	IP20...IP66/IP67
- Mechanical strength (EN 62262)	IK06...IK10
- Protection class against electric shock	I or II
- Material	Metallic or insulating material
Installation method	For surface mounting / floor standing / flush mounting
Other standards (applicable parts)	EN 60204-1:2006 + A1:2009

Other information

A degree of protection provided by enclosure (IP20…IP66IP67) of a switchgear and controlgear assembled from the switchgear and controlgear assembly system is determined taking into account the IP code of the enclosure to be used, and the tightness (IP code) of the components installed through the enclosure.

It shall be verified that the components to be used in the switchgear and controlgear assembly comply with the relevant standards.

The EMC requirements for the switchgear and controlgear assembly are given in Annex J of standard EN 61439-1.

The items to be agreed upon by the manufacturer and the user/orderer of the switchgear and controlgear assembly are given in Annex C of standard
EN 61439-1.

The conformity of switchgear and controlgear assembled from the switchgear and controlgear assembly system with the design of the tested assembly and fulfilment of the requirements given in the standards for which the certification of the system is based on shall be verified by routine tests (EN 61439-1 clause 11).

As shown in the Test Report(s) No(s): 294912-1 and 299833-1

FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

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