



# 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

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**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)	$I_{cc} / I_{cw} < 10 \text{ kA}, I_{pk} < 17 \text{ kA}$ 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