

## **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 InA 1600 A (max), Un 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** 

Orno Soutaris

Seppo Lautamies **Project Manager** 



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SGS Fimko Ltd

Takomotie 8, FI-00380 Helsinki, Finland t. +358 9 696 361 www.sgs.fi



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Manufacturer

Fibox Tested Systems Oy Hovinpelto 2 FI-74700, Kiuruvesi, Finland

Manufacturing sites

 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) EMC Environment Functional units Enclosure

Degree of protection (EN 60529)Mechanical strength (EN 62262)Protection class against electric shock

- Material

Installation method

Other standards (applicable parts)

 $I_{cc}$  /  $I_{cw}$  < 10 kA,  $I_{pk}$  < 17 kA or tested value

A and/or B Fixed parts EN 62208

IP20...IP66/IP67 IK06...IK10

I or II

Metallic or insulating material

For surface mounting / floor standing / flush mounting

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



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