



CERTIFICATE FI 30240

Our Ref. 269727-1, 291144

Product	Switchgear and controlgear assembly system
Type	GOSSU1-6 GOSSU1-6R
Certificate Holder/ Manufacturer	Gossutek Oy Teollisuustie 5 FI-75530 NURMES, FINLAND
Technical information	I_{nA} 3150 A (max), U_n 400/690 V (max), 3/N/PE, IP20...IP55
Other information	See the Appendix to 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 19 December 2022 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
Directive information	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
Date of issue	19 December 2017

SGS Fimko Ltd

Signature

Sixten Lökfors
Project Manager

This certificate has 1 appendix



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Manufacturing site

Gossutek Oy
Teollisuustie 5
FI-75530 NURMES
FINLAND

Additional information



CUBICLE-TYPE ASSEMBLY / BOX-TYPE ASSEMBLY

Short-circuit strength, busbars (max)	$I_{cw} / I_{pk} < 10 \text{ kA} / < 17 \text{ kA}$ or tested value 100 kA / 220 kA
Internal separation	2...4
EMC Environment	A / B
Functional units	Fixed parts
Enclosure	EN 62208
- Protection class against electric shock	I
- Degree of protection (EN 60529)	IP20 - IP40 (Gossu 1-6) and IP34 – IP55 (Gossu 1-6R)
- Mechanical strength (EN 62262)	IK09
- Material	Metallic
- Installation method	For surface mounting / floor standing

Other information

A degree of protection provided by enclosure (IP20...IP55) 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).