




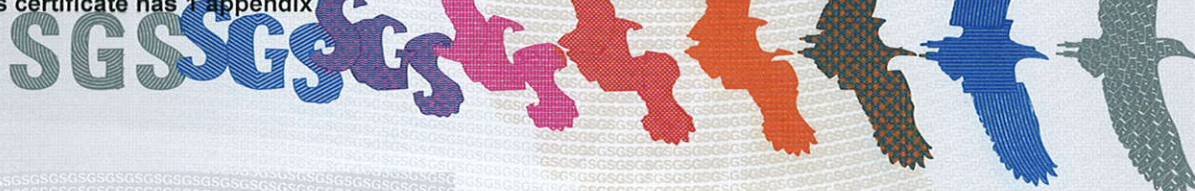
CERTIFICATE FI 27846

Our Ref. 269846-1

Product	Control board system
Type	RCS-2002
Trade mark	Lahti Precision
Certificate Holder/ Manufacturer	Lahti Precision Oy Ahjokatu 4 A FI-15800 LAHTI, FINLAND
Technical information	I _{NA} 1250 A (max), U _n 690 V (max), IP20...IP66
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 EN 60204-1:2006 + A1:2009 (applicable parts)
Validity	This certificate is valid until 14 January 2018 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. 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.
Directive information	The product(s) fulfils the essential safety requirements for CE conformity marking according to the Low Voltage Directive (2006/95/EC) at the date of issue of the certificate.
Date of issue	14 January 2013
Signature	SGS Fimko Ltd  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.

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Additional information This certificate replaces FI Certificate no. 18338 A1, dated 18 January 2007, due to updated standard.

CUBICLE-TYPE ASSEMBLY / BOX-TYPE ASSEMBLY / DESK-TYPE ASSEMBLY

Short-circuit strength $I_{cc} \times kA$ (tested value) or $I_{cc} / I_{cw} < 10 \text{ kA}$, $I_{pk} < 17 \text{ kA}$
EMC Environment A and/or B
Enclosure EN 62208
Protection class against electric shock I
Functional units Fixed parts
Material Fe
Installation method For surface mounting / floor standing / flush mounting

Other information

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).