

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No.	75 189 - 09 HH
Company	TK Engineering Oy Yrittäjänkatu 17, Futura I 65380 Vaasa, FINLAND
Product Description	CAN-switch rail mount
Type	WCS-10
Environmental Category	D, EMC 1
Technical Data / Range of Application	Hardware version 10.04 Software version 0x1002b 10 ... 40 VDC supply voltage 4 channels for switching and 1 channel for configuration CiA DSP 305 compatible CAN baud rates (1M, 800k, 500k, 250k, 125k) CANopen configuration and diagnostics support Din rail mounted housing IP 20 Connectors MSTBV 2,5/8-GF-5, 08-AU, DSUB Tyco AMP 3-338313-2 CAN transceivers TJA 1050 Galvanic isolated CAN channels 1000V flash Power consumption 3,5 W
Test Standard	GL Guidelines for the Performance of Type Approvals, Chapter 2 - Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012
Documents	Test report : tke environment testing report 12.03.2009, VTT-S-01423-09, Nemko 122706A, Nemko 122706B Documents: User Manual V1.39
Remarks	This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007

Valid until **2019-06-01**

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File No. **I.B.08**

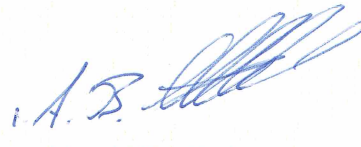
Hamburg, 2014-06-04

Type Approval Symbol



DNV GL


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