

(1) **Manufacturer's Declaration**

(2) This is to certify that the undernoted products have been tested in accordance with:

EN 50155:2007

Railway applications - Electronic equipment used on rolling stock

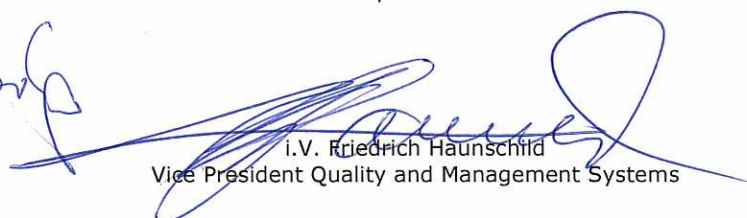
- (3) Certificate Number **MD1-EN 50155-X1**
- (4) Equipment QS5.241-60
 QS10.241-60
 CPS20.241-60
- (5) Description of DC/DC converter for DIN-Rail mounting
 Equipment Input: DC 110V
 Output: DC 24V
- (6) Manufacturer PULS GmbH
- (7) Address Arabellastraße 15, 81925 Munich, Germany
- (8) Test report TR1-RAIL01-MR1_XU_2016-07-01
- (9) Reference Documents Datasheets:
 DS-QS5.241-60 Rev 1.0
 DS-QS10.241-60 Rev 1.0
 DS-CPS20.241-60 Rev 1.0
- (10) Special Conditions Altitude category: AX (EN 50125-1 § 4.2.1) for all units
 Environmental category: T3 (EN 50155 § 4.1.2) for QS5.241-60
 TX (EN 50155 § 4.1.2) for QS10.241-60
 TX (EN 50155 § 4.1.2) for CPS20.241-60
 Interruption of voltage supply: S2 (EN 50155 § 5.1.1.2) for all units
 Supply change over: C2 (EN 50155 § 5.1.3) for all units
 Shock and vibration: Category 1, Class A and B (EN 61373)
 for all units
 EMI: EN 50121-3-2 for all units
 Fire classification: HL3 (EN 45545-2) for all units
- (11) Issuing Body PULS GmbH, Arabellastraße 15, 81925 Munich, Germany

Munich, 2016-08-17



i.A. Michael Raspotnig
R&D

Munich, 2016-08-17



i.V. Friedrich Haunschild
Vice President Quality and Management Systems

This declaration certifies the compliance with the indicated standards but implies no warranty of properties.
 The safety instruction of the product documentation shall be observed.