

(1) **Manufacturer's Declaration**

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

EN 50155:2007

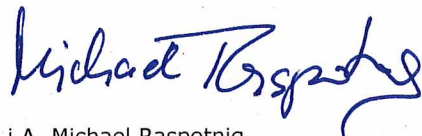
Railway applications - Electronic equipment used on rolling stock

Since power supplies with an AC-input are not covered by the EN 50155, all relevant tests were applied as close as possible to meet this standard.

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|------|--------------------------|--|
| (3) | Certificate Number | MD1-EN 50155-X3 |
| (4) | Equipment | QT20.241-C1 |
| (5) | Description of Equipment | Power Supply for DIN-Rail mounting
Input: 3AC 380-400V (reduced range for EN 50155 applications)
Output: DC 24V, 20A |
| (6) | Manufacturer | PULS GmbH |
| (7) | Address | Elektrastraße 6, 81925 Munich, Germany |
| (8) | Test report | TR1-RAIL03-MR1_XU_2017-06-28 |
| (9) | Reference Documents | Datasheets:
DS-QT20.241 Rev 2.1 |
| (10) | Special Conditions | Altitude category: AX (EN 50125-1 § 4.2.1)
Environmental category: T3 (EN 50155 § 4.1.2)
Interruption of voltage supply: S2 (EN 50155 § 5.1.1.2)
Cx not applicable for AC inputs
Shock and vibration: Category 1, Class A and B (EN 61373)
EMI: EN 50121-3-2
Fire classification: HL3 (EN 45545-2) |
| (11) | Issuing Body | PULS GmbH, Elektrastraße 6, 81925 Munich, Germany |
| (12) | Remarks | Deviating from the product ratings of the QT20.241-C1, which covers an input voltage range from 3AC 380-480V, the railway approval applies only for a reduced input voltage range from 3AC 380-400V.

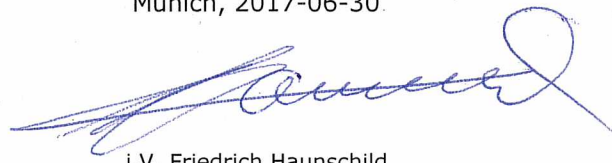
Due to this fact, the QT20.241-C1 does not bear the railway logo on the product itself. |

Munich, 2017-06-30



i.A. Michael Raspotnig
R&D

Munich, 2017-06-30



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.