

DECLARATION OF PERFORMANCE

Declaration Number: DOP_PTM_27042017_001 Rev.1

Product types covered under this declaration: Low Smoke Zero Halogen (LSZH) XL-Trace Electrical Heat Tracing System

Individual product types supported under this declaration:

31XL2-ZH; 26XL2-ZH; 15XL2-ZH; 10XL2-2H

Intended use of the products: The Products are designed for freeze protection of pipes.

Due to the lack of any European Harmonized standards for electrical heat tracing products nVent Thermal believes that the above-mentioned products is exempt from the Construction Product Regulation (CPR / CPD) until harmonized standards will be published in the official Journal (OJ) of the European union.

Of course, as the market Leader, nVent Thermal will follow up the future developments closely and will therefore be assisted by suitably accredited notified bodies. In any case nVent Thermal will assure that all legislative and product quality and safety requirements are met. In case of questions or doubt please contact the undersigned or your local nVent Thermal representative.

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulations (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

DIN EN 62395-1, EN 62395-1:2013
(VDE 0721-52):2014-10;

Rated Voltage: 230V.

Power Output: 31, 26, 15 or 10 W/m depending on type.

The vertical burning test in accordance with Clause 5.2.3 of IEC/EN 62395 was successfully passed without any falling burning particles.

DIN EN 60754-1 (VDE 0482 Teil 754-1):2015-08; EN 60754-1:2014 - Test on gases evolved during combustion of materials from cables – Part 1: Determination of the halogen acid gas content)

DIN EN 60754-2 (VDE 0482 Teil 754-):2015-08
EN 60754-2:2014 - Test on gases evolved during combustion of materials from cables – Part 2: Determination of acidity (by pH measurement) and conductivity)

	Amount of Halogen Acid Gas (mg/g HCl)	pH Value	Conductivity (μS/mm)
10X2-ZH	< 5	< 5,85	< 1,42
31XL2-ZH	< 5	< 4,67	< 1,83

IEC 61034-2:2005 +A1:2013 - Measurement of smoke density of cables burning under defined conditions

Minimum Light Transmittance in accordance with IEC 61034-2 - 85,2 %

Signed for and on behalf of the manufacturer by:

Gerry.deblick@nvent.com

Manager Certifications & Approvals

Tel: 003216213545

Gerry De Blick

nVent Thermal Belgium NV
Romeinsestraat 14
BE-3001 Leuven

Place and Date of Issue:

Leuven Belgium April 14th 2017