



Santon Holland bv
Attn. Mr. H. de Sterke
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Your ref. H. de Sterke
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Arnhem, May 7, 2009

Subject: **Declaration**

Dear Mr. de Sterke,

KEMA Quality B.V. declares herewith that the switches pertaining to the series X..... (see below) tested under our order number 211577600-QUA/INC are in compliance with the requirements IEC/EN 60947-3:1999 and Amendment 1: A1 2001 and Amendment 2: 2005.

Type number:

X75.25.P^{*1}9^{*2}

Rating: Ue: 750 Vdc; Ie 25 A; DC21, Ui:1000 V

X85.16. P^{*1}9^{*2}

Rating: Ue: 850 Vdc; Ie 16 A; DC21, Ui:1000 V

X100.25. P^{*1}9^{*2}

Rating: Ue: 1000 Vdc; Ie 25 A; DC21, Ui:1000 V

X100.32. P^{*1}9^{*2}

Rating: Ue: 1000 Vdc; Ie 32 A; DC21, Ui:1000 V

*1: Mounting types P, B, D, R, PL, DL and RL

*2: Number of poles, 2 poles up to maximum 8^{*3} poles and one auxiliary contact.

*3: For 1000 V types the maximum number of poles is 6 consisting of 9 contacts in total.

The following clauses were applied:

Test sequence I: general performance characteristics

Clause

- 8.3.3.1 - Temperature-rise
- 8.3.3.2 - Dielectric properties
- 8.3.3.3 - Making and breaking capacities
- 8.3.3.4 - Dielectric verification
- 8.3.3.5 - Leakage current
- 8.3.3.6 - Temperature rise verification
- 8.3.3.7 - Strength of actuator

Test sequence II: Operational performance capability

Clause

- 8.3.4.1 - Operational performance
- 8.3.4.2 - Dielectric verification
- 8.3.4.3 - Leakage current
- 8.3.4.4 - Temperature rise verification
- 8.3.3.7 - Strength of actuator

Test sequence III: short-circuit performance capability

Clause

- 8.3.5.1 - Short-time with stand current
- 8.3.5.2 - Short-circuit making capacity
- 8.3.5.3 - Dielectric verification
- 8.3.5.4 - Leakage current
- 8.3.5.4 - Temperature rise verification
- 8.3.3.7 - Strength of actuator

Test sequence IV: Fuse protected short-circuit withstand

Clause

- 8.3.6.2.1a - Fuse protected short-circuit withstand
- 8.3.6.2.1b - Fuse protected short-circuit making
- 8.3.4.2 - Dielectric verification

- 8.3.4.3 - Leakage current
- 8.3.4.4 - Temperature rise verification
- 8.3.3.7 - Strength of actuator

Furthermore, the switch-disconnectors may be provided with an auxiliary contact with ratings:

Rating: Ue: 250 Vac; Ie 16 A; AC15, Ui:1000 V

These contacts comply with the requirements IEC/EN 60947-5-1: 2000.

Tests for extreme ambient temperatures of -20 °C are in process.

Yours truly,

KEMA Quality B.V.

A handwritten signature in blue ink, appearing to read "M.T.H. van Gemen", written over a horizontal line.

M.T.H. van Gemen