

DECLARATION OF PERFORMANCE



According to Construction Products Regulation EU N° 305/2011

Input/Output device

| | |
|--|---|
| Product identification | Input/Output device with short circuit isolator |
| Type | BN-303 |
| Intended use | Fire detection and fire alarm systems |
| Manufacturer | Autronica Fire and Security AS, PO Box 5620, 7483 Trondheim |
| System type | System 1 |
| Notified body | AFNOR Certification |
| Certificate of Constancy of Performance (COP) | 0333-CPD-075249 |
| Table of performance | See table below |

Table of performance

| Harmonised technical specification | | EN 54-18:2005 + AC:2007 | EN 54-17:2005 + AC:2007 |
|--|-------------|----------------------------|----------------------------|
| Essential Characteristics | Performance | Clause | |
| Response delay (response time) - Performance and variation of supply parameters | pass | 5.2 | N.A |
| Performance under fire conditions - Functional test | pass | 5.1.4 | N.A |
| Operational reliability - Functional test | pass | 5.1.4 | N.A |
| Performance under fire conditions - Reproducibility | pass | N.A | 5.2 |
| Operational reliability - Requirements | pass | N.A | 4 |
| Durability of operational reliability, temperature resistance | | | |
| - Dry heat (operational) | pass | 5.3 | 5.4 |
| - Cold (operational) | pass | 5.4 | 5.5 |
| Durability of operational reliability, vibration resistance | | | |
| - Shock (operational) | pass | 5.8 | 5.9 |
| - Impact (operational) | pass | 5.9 | 5.10 |
| - Vibration, sinusoidal (operational) | pass | 5.10 | 5.11 |
| - Vibration, sinusoidal (endurance) | pass | 5.11 | 5.12 |

| Harmonised technical specification | | EN 54-18:2005 + AC:2007 | EN 54-17:2005 + AC:2007 |
|--|-------------|----------------------------|----------------------------|
| Essential Characteristics | Performance | Clause | |
| Durability of operational reliability, humidity resistance - Damp heat, cyclic (operational) - Damp heat, steady state (endurance) | pass | 5.5 | 5.6 |
| | pass | 5.6 | 5.7 |
| Durability of operational reliability, corrosion resistance - Sulphur dioxide (SO ₂) corrosion (endurance) | pass | 5.7 | 5.8 |
| Durability of operational reliability, electrical stability - Variation in supply parameters - Electromagnetic compatibility (EMC), immunity tests (operational) | pass | 5.2 | 5.3 |
| | pass | 5.12 | 5.13 |

The performance of the product identified as «Product identification» and «Type» is in conformity with the declared "Table of performance". This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of Autronica Fire and Security:
Trondheim, Norway, 2013-05-23

