



Fire formal interpretations

31 August 2017

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NZS 4512:2010 *Fire detection and Alarm Systems in Buildings* – Clause 216 and Referenced Documents

Question:

Heat detectors complying with EN 54 part 5, smoke detectors to EN 54 part 7, beam smoke detectors to EN 54 part 12, and aspirating smoke detectors to EN 54 part 20 are acceptable for listing in New Zealand without further laboratory appraisal.

1. Does this also apply to Short Circuit Isolators complying with EN 54 part 17, as many detectors and devices have built-in isolators?
2. Does this also apply to Input / Output Interface Modules complying with EN 54 part 18?

NZS 4512:2010 does not cite any specific standards for these types of products.

Interpretation issued by the Alarms and detection group:

1. No.

2. No.

Short Circuit Isolators and Input / Output Interface Modules are part of the control equipment and therefore must be laboratory appraised for compliance with the relevant clauses of NZS 4512 in combination with a compatible control unit.