Advanced

Axis EN

Axis EN Wireless Translator Module

The Axis EN Wireless Translator Module is is the core component of the Axis EN intelligent hybrid fire detection and alarm system.

When connected on to a compatible loop, the unit is capable of linking up to 128 fully intelligent wireless field devices with the fire alarm system. All wireless communications rely on a channel pair for spurious RF noise rejection and maximum link reliability.

The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems. Using cutting edge wireless technology and a proprietary orthogonal antenna design it ensures the highest levels of life safety and system reliability.



Features

- Loop powered or via external power supply unit
- Bi-directional wireless communication
- Compatible with up to 15 expander modules
- Mesh expander technology programmable for redundant path to the translator
- Internal antennae design protects from environmental conditions, vandalism, accidental damage or misuse
- Low current consumption
- 8 pairs of network channels
- Dual channel redundancy
- Long communication range
- Full analogue data availability (eg optical and thermal value, link quality, battery status, chamber drift compensation status)
- Site programmable via internal keypad, or via wireless or wired PC connection
- Full system programming capability from the translator
- Easy scan & link programming option

Standards and Approvals

- EN54-17: Short Circuit Isolators
- EN54-18: Input/Output Devices
- EN54-25: Components using radio links and system requirements

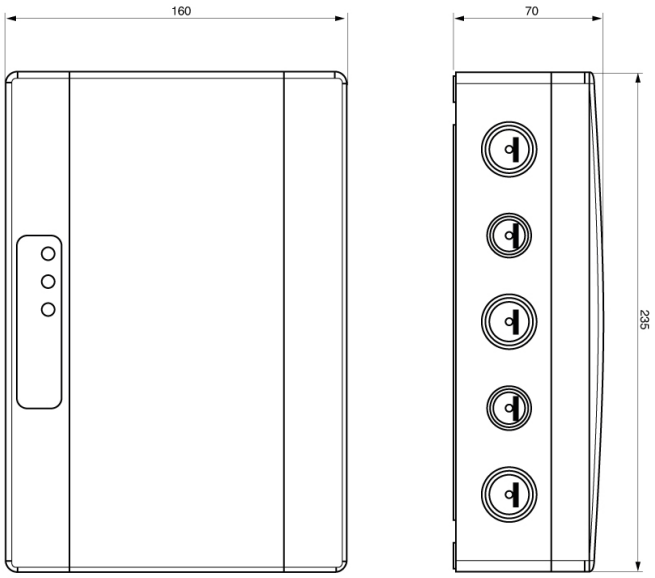
Specification

Loop power supply range	18Vdc to 40Vdc
Operating frequency range	868 - 870 MHz
Max radiated power	14dBm (25 mW)
IP rating	65
Operating temperature	–10ºC to +55ºC
Max humidity (non condensing)	90% RH
Typical current consumption	16mA (@ 24Vdc)
Dimensions H x W x D mm	235mm x 160mm x 70mm
Weight	700g

Order Codes and Options

Axis-TMT	Axis EN Wireless Translator Module

Technical Information



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