



Intellia Conventional Zone-Module EMI-310/CZ

Instruction Sheet R10130GB2



Schneider Electric
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Safety Information

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Related Information

For technical specifications, please refer to the Product Datasheet for FFS06727341 on se.com.

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Intellia Conventional Zone-Module EMI-310/CZ

Fire protection systems can be engineered simply and effectively without the need for custom-designed equipment.

The loop powered Intellia Conventional Zone-Module EMI-310/CZ (FFS06727341) with Isolator powers and controls the operation of a zone of conventional detectors.

The Intellia series of products are all compatible with the ALC-board of Esmi Sense FDP and FX-panel.

The maximum number of conventional detectors in the zone is 20.

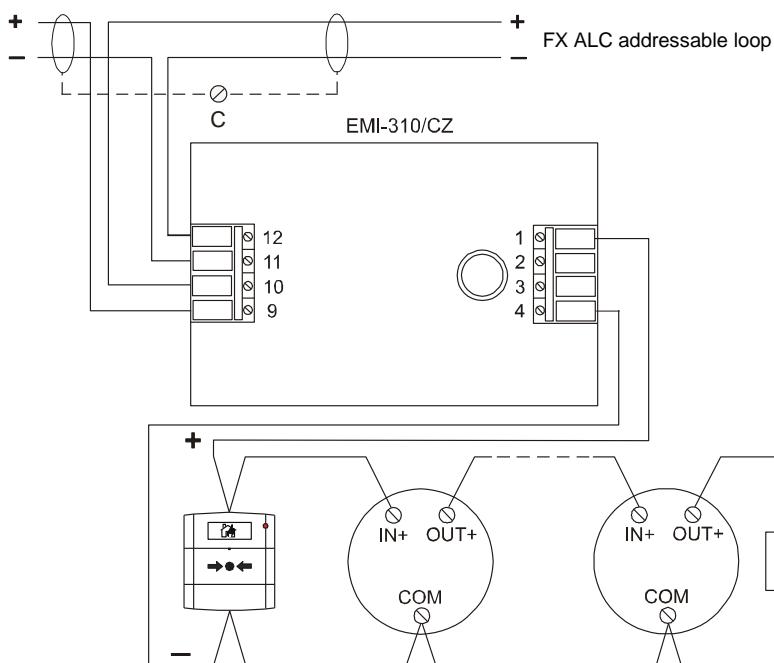
A 5,1 k Ω end-of-line resistor is fitted to the last detector on a conventional line for open- and short-circuit faults.

The EMI-310/CZ module is fitted with a bi-directional short circuit isolator and will be unaffected by loop short circuits on either the loop input or loop output.

Two LEDs, one red and one yellow, are visible through the front cover of the enclosure. The red LED is illuminated to indicate that a fire alarm condition has been detected on the zone wiring. The yellow LED is illuminated whenever the built-in isolator has sensed a short circuit loop fault.

1.1

Schematic Diagram & Wiring Connections



1 = Zone output +

2 = Zone output +

3 = Zone output -

4 = Zone output -

9 = L2 (+ve)

10 = L2 (+ve)

11 = L1 (-ve)

12 = L1 (-ve)

C = Additional connector for shield

R = End-of-line resistor

5,1 k Ω \pm 5 % 1/3 W

Note!

Alarm conditions are latched internally by the EMI-310/CZ. It is therefore necessary to reset the alarm even if non-latching conventional detectors are used.

Note! All Intellia series I/O modules take 1 address from the loop, regardless how many inputs/outputs they have.