



EV-AIN1 is an addressable interface line unit for connecting a conventional detector to the analogue fire alarm system EVA-1.

EV-AIN1 has two inputs. Input #1 is used for conventional detectors.

Input #2 is used when intrinsically safe units shall be connected to the fire alarm loop.

The type of units connected to EV-AIN1 is set with a function DIP switch on the PCB.

The EV-AIN1 unit is used for connection with conventional detectors which requires 24 V DC power supply, such as smoke and flame detectors. A short circuit on the input will be regarded as a short circuit and not as a fire alarm. Use EV-AIN2 instead when detectors of closing contact type shall be connected to EVA-1.

When the unit/units connected to the EV-AIN1 is in alarm condition, a red LED on the PCB will be lit. The LED will be lit until the alarm has been reset at the EVA-1 control panel.

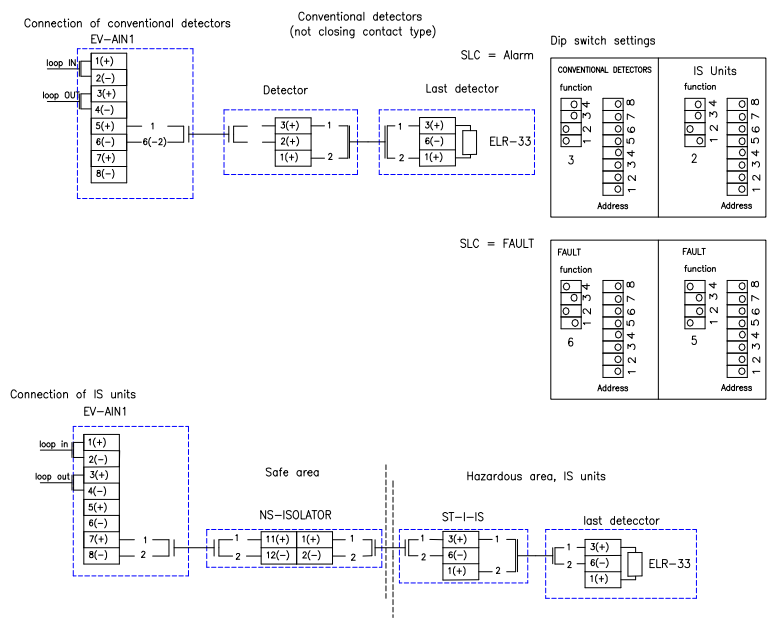
An end of line resistor (33K) has to be connected after the last unit connected to the input.

Technical data

Model number	F16582025
PCB article number	
Inputs	Two inputs for conventional detectors (not closing contacts)
Input #1 max load	~5 conventional detectors or 250 μ A Example: 5 x NS-DOS2 / NS-DIS2, or 1 x NS-DIR
Input #2 max load	1 x NS-ISOLATOR and 10 x ST-I-IS
Max input cable length	25 m (input #1)
System voltage	24 V DC
Operating voltage	15 - 35 V DC
Supervision current	
- conventional detectors	0.6 mA
- IS units	7 mA
Alarm current	
- conventional detectors	10 mA
- IS units	10 mA
End of line resistor	33 k Ohm
Cable glands	Pg16
Cable diameter	8 - 14 mm
Cable terminals	2.5 mm ²
Operating temperature	-25°C to +70°C
Ambient humidity	0 - 100% RH
Ingress protection	IP43
Material	Steel
Colour	Grey
Weight	1040 g



Dimensions (mm)



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