

# XLM 35

## SecuriLine eXtended module

From production version 010319 and FW version 01.01.02

- Firmware versions:
- ASD 531 / 532 From 01.00.00
  - ASD 533 / 535 From 01.06.00
  - ADW 535 From 01.00.14
  - SecuriFire From SRP 1.2
  - Integral From 7.3

The XLM 35 is an additional module for connecting the ASD and ADW special fire detectors to the addressable loop of the SecuriFire (SecuriLine eXtended) and Integral (X-Line) fire alarm systems.

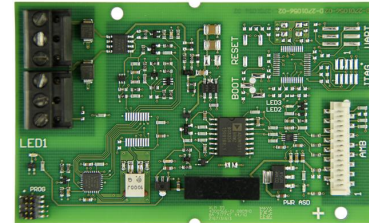


Fig. 1 XLM 35

### Description

With the installation of an XLM 35, the special fire detector can be ideally connected via the addressable loop to the SecuriFire and Integral fire alarm systems. The normative alarm transmission to the superordinate FACP is then accomplished via the XLM 35.

### Mounting / Installation

There are four expansion slots for mounting the optional additional modules in the housing of the special fire detector.

The mounting set of the XLM 35 includes module holders, retainer screw and the connection cable (ribbon cable) for connecting to the main board of the special fire detector (see Fig. 2).

The XLM 35 SecuriLine eXtended module is to be connected to plug Option1 (ADW = Opt1).

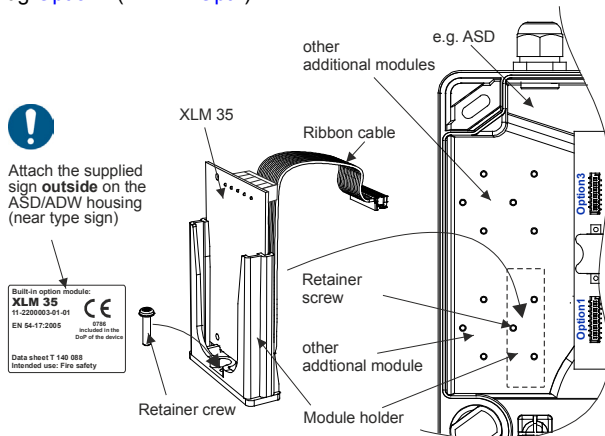


Fig. 2 Installing the XLM 35

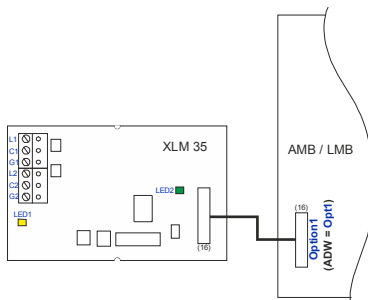


Fig. 3 Wiring the XLM 35

### Identification EN 54-17



With the mounting and use of an XLM 35, the ASD/ADW special fire detector complies with EN 54-17 (short-circuit isolation). So that the identification compliant with EN 54-17 is recognisable, the **identification sign** supplied with the module **must** be attached to the **outside** of the ASD/ADW housing near the type sign (same side) when the XLM 35 is mounted and easily visible.

### Programming

The "ASD / ADW Config" configuration software for accessing the special fire detectors is started via the "SecuriFire Studio" FACP user software or "Integral Application Center". This enables changes to be made to the special fire detector.



Re-programming from the fire alarm system may result in non-compliance with EN 54 standard. Any adjustments or modifications to the special fire detector from the fire alarm system may be performed only by the manufacturer or by specialists trained by the manufacturer.

### Indicators

Two LEDs on the XLM 35 indicate the communication state amongst the Main Board, XLM and the addressable loop.

LED 1 (yellow)	State XLM 35 <> addressable loop (lit only if the supply from Main Board is OK)
Not lit	No addressable loop voltage
Continuously lit	Addressable loop voltage OK, no communication XLM <> Line
Flashes (normal operation)	Communication XLM <> Line OK
LED 2 (green)	State special fire detector <> XLM 35
Not lit	No power supply from Main Board
Flashes (normal operation)	Supply from Main Board OK, communication XLM <> ASD OK

## Commissioning

The XLM 35 is automatically detected when the device is switched on and monitored from then on. If the XLM is subsequently removed – e.g. because it is not used – it must be logged off via the control unit on the Main Board (see Technical Description of the special fire detector).

## Terminal assignment

Terminal	Signal	SecuriFire / Integral
L1	Data A	L1
C1	GND A	C1
G1	Screen	G1
L2	Data B	L2
C2	GND B	C2
G2	Screen	G2

## Maximum connectable XLM 35 units

(see also notice box below)

A maximum of 62 XLM 35 units can be connected per SecuriFire / Integral addressable loop (country-specific regulations and guidelines must be observed).



The circuitry and wiring routing between XLM 35 and the SecuriFire or Integral FACP must be in accordance with the Technical Description of the special fire detector (L1 to L1, C1 to C1, etc.).

## Dimensioned drawing

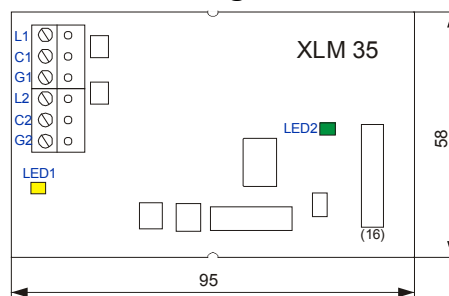


Fig. 4 XLM 35 dimensioned drawing

## Article numbers and spare parts

Short designation	Article number	
XLM 35, incl. mounting set	11-2200003-01-XX	
Technical descriptions	ASD 531	T 140 416
	ASD 532	T 140 421
	ASD 533	T 140 287
	ASD 535	T 131 192
	ADW 535	T 140 358
	ADW 535HDx	T 140 458
Data sheets	ASD 531	T 140 417
	ASD 532	T 140 422
	ASD 533	T 140 288
	ASD 535	T 131 193
	ADW 535	T 140 359
Operating instructions	ADW 535HDx	T 140 459

## Technical data

Type	XLM 35	
Operating voltage from Main Board	5	VDC
Maximum power consumption	20	mA
Ambient conditions acc. to IEC 60721-3-3 / EN 60721-3-3	3K5 / 3Z1	class
Extended ambient conditions:		
• XLM 35 temperature range	-30 – +70	°C
• Max. permitted storage temperature (without condensation)	-30 – +70	°C
• Humidity ambient condition (transient without condensation)	95	% rel. hum.
• Humidity ambient temperature (continuous)	70	% rel. hum.
Plug-in terminals	2.5	mm <sup>2</sup>
Approvals (after mounting in ASD / ADW)	EN 54-17	
Dimensions (W x H x D, without/with packaging)	95 x 58 x 17 / 155 x 108 x 64	mm
Weight (including module holder, without/with packaging)	62 / 130	g