

FX101A/FX101S FIRE DETECTION CONTROL PANEL

FX101 Control Panel

FX101 is a powerful one loop fire detection control panel. The full range of Schneider Electric's ALC (FX101A) and SLC (FX101S) intelligent detectors can be connected to the system.

Versatile built-in control logic enables easy control of both passive as well as active fire protective equipment and even a three-stage alert and evacuation alarm.

The panel is compatible with other fire detection equipment, such as the fireman's panel FMP2, zone led panel ZLPX, alarm delay panel DAP2, communication protocol repeater REPX and logic control unit MCOX, as well as alarm management system ESGRAF. The system also provides an interface to the building management system.



FX101 control panel

Panel installation

The FX101 panel is installed on a surface with the display at a height of approximately 170 cm. The wall has to be strong enough to support the weight of the panel and the batteries.

Connections

See overleaf for general overview of the connections of the FX101 panel.

Cable entries are from behind, from above and from below.

Commissioning and Configuration

The system can be started after the jumper settings are verified. For customer/site specific settings and entry of alarm texts, a PC and licensed software "WinFX3Net" is used.

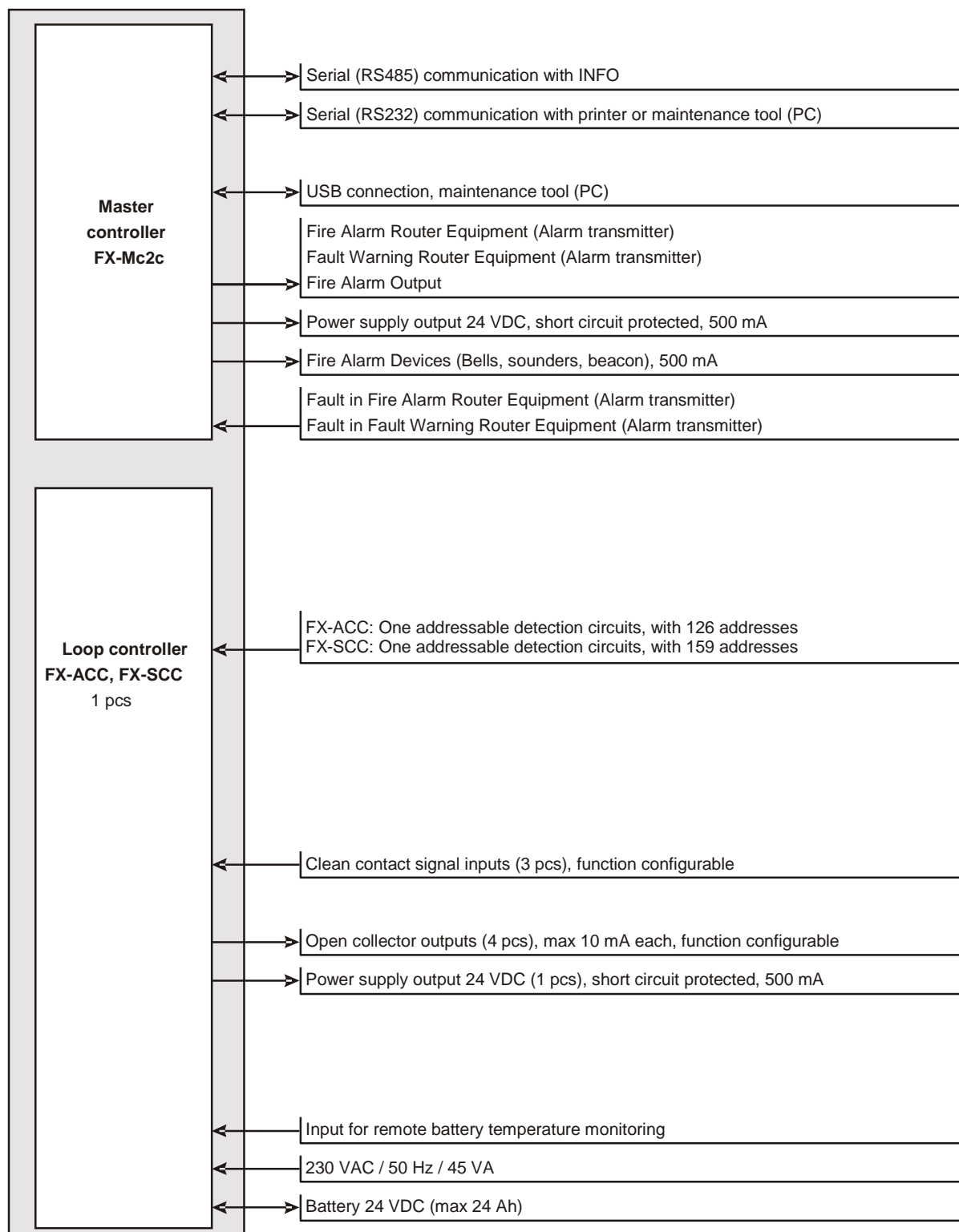
For further information, see the Installation and commissioning manual.

Technical data of the FX101 panel

	FX101A Control panel	FX101S Control panel
Product code	FFS0070 3804XX Including FX-ACC, One addressable detection circuit with 126 addresses	FFS0070 3803XX Including FX-SCC, One addressable detection circuit with 159 addresses
Dimensions (h*w*d) [mm]	328 x 425 x 130	328 x 425 x 130
Weight (fully equipped, excl. batteries)	5.4 kg	5.4 kg
IP Rating	IP30	IP30
Operating ambient temperature	+5...+40 °C	+5...+40 °C
Storage ambient temperature	0...+50 °C	0...+50 °C
Maximum ambient humidity	95% RH	95% RH
Back frame material	sheet steel	sheet steel
Cover material	plastic	plastic
Cover color	bluish grey	bluish grey
Mains supply voltage	230 VAC ±10% / 50 ... 60 Hz	230 VAC ±10% / 50 ... 60 Hz
Mains supply power	45 VA	45 VA
Operating voltage range	19 ... 30 Vdc	19 ... 30 Vdc
Maximum current consumption in standby condition	0.5 A @ 24 Vdc	0.5 A @ 24 Vdc
Maximum current consumption in alarm condition	1.4 A @ 24 Vdc	1.4 A @ 24 Vdc
Applied standards	EN 54-2 EN 54-4	EN 54-2 EN 54-4
Number of card slots	No option boards slots available	No option boards slots available
Battery space	2 pcs 12 / 12 Ah	2 pcs 12 / 12 Ah

Schneider Electric Fire & Security Oy reserves the right to make modifications.

FX101 panel external connections



Note!
 The max. 24 V current consumption of the **FX101-** control panel (ACC / SCC- board, loop and all addresses and control panel outputs) is 0,5 A in standby condition and 1,4 A in alarm condition. The standby time required for the system may limit the max. load of the outputs.

**0402**

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For FX101A/S 0402-CPR-SC0954-15,
0402-CPR-SC0955-15

For FX101S 0402-CPR-SC0954-15,
0402-CPR-SC0955-15

Declaration of Performance: DP16001

EN 54-2:1997/AC:1999/A1:2006

EN 54-4:1997/AC:1999/A1:2002/A2:2006

Options:

7.8; 7.9.1; 7.10.3; 7.11; 7.12.2; 7.13; 8.3; 8.4; 8.9; 9.5;
10

**Control and indicating equipment for fire detection and fire
alarm systems for buildings**

FX101A, FX101S

Other technical data:

66571872: Installation and commissioning manual

66571744: operation manual

66571758 (SLC), 66571761 (ALC): system planning (held by
the manufacturer)