

## CONTROL PANELS

### FX101S Control Panel Sense Edition

FX101S is a powerful one loop fire detection control panel. The full range of Schneider Electric's SLC compatible 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 FMP Sense Edition, Zone LED Panel ZLPX, Alarm Delay Panel DAP Sense Edition, communication Protocol Repeater REPX Sense Edition and Logic Control Unit MCOX Sense Edition, as well as alarm management system ESGRAF. The system also provides an interface to the building management system.



Figure 1. FX101S Control Panel Sense Edition

## Panel installation

The FX101S 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 FX101S 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

Table 1. FX101S Control Panel Sense Edition technical data

<b>Product number</b>	FFS00703815xx Including FX-SCC, One addressable detection circuit with 159 addresses
<b>Dimensions (h*w*d) [mm]</b>	328 x 425 x 130
<b>Weight (fully equipped, excl. batteries)</b>	5.4 kg
<b>IP Rating</b>	IP30
<b>Operating ambient temperature</b>	+5...+40 °C
<b>Storage ambient temperature</b>	0...+50 °C
<b>Maximum ambient humidity</b>	95% RH
<b>Back frame material</b>	sheet steel
<b>Cover material</b>	plastic
<b>Cover color</b>	White
<b>Mains supply voltage</b>	230 VAC ±10% / 50 ... 60 Hz
<b>Mains supply power</b>	45 VA
<b>Operating voltage range</b>	19 ... 30 Vdc
<b>Maximum current consumption in standby condition</b>	0.5 A @ 24 Vdc
<b>Maximum current consumption in alarm condition</b>	1.4 A @ 24 Vdc
<b>Applied standards</b>	EN 54-2 and EN 54-4
<b>Number of card slots</b>	No option boards slots available
<b>Battery space</b>	2 pcs 12/12 Ah

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

FX101S panel external connections

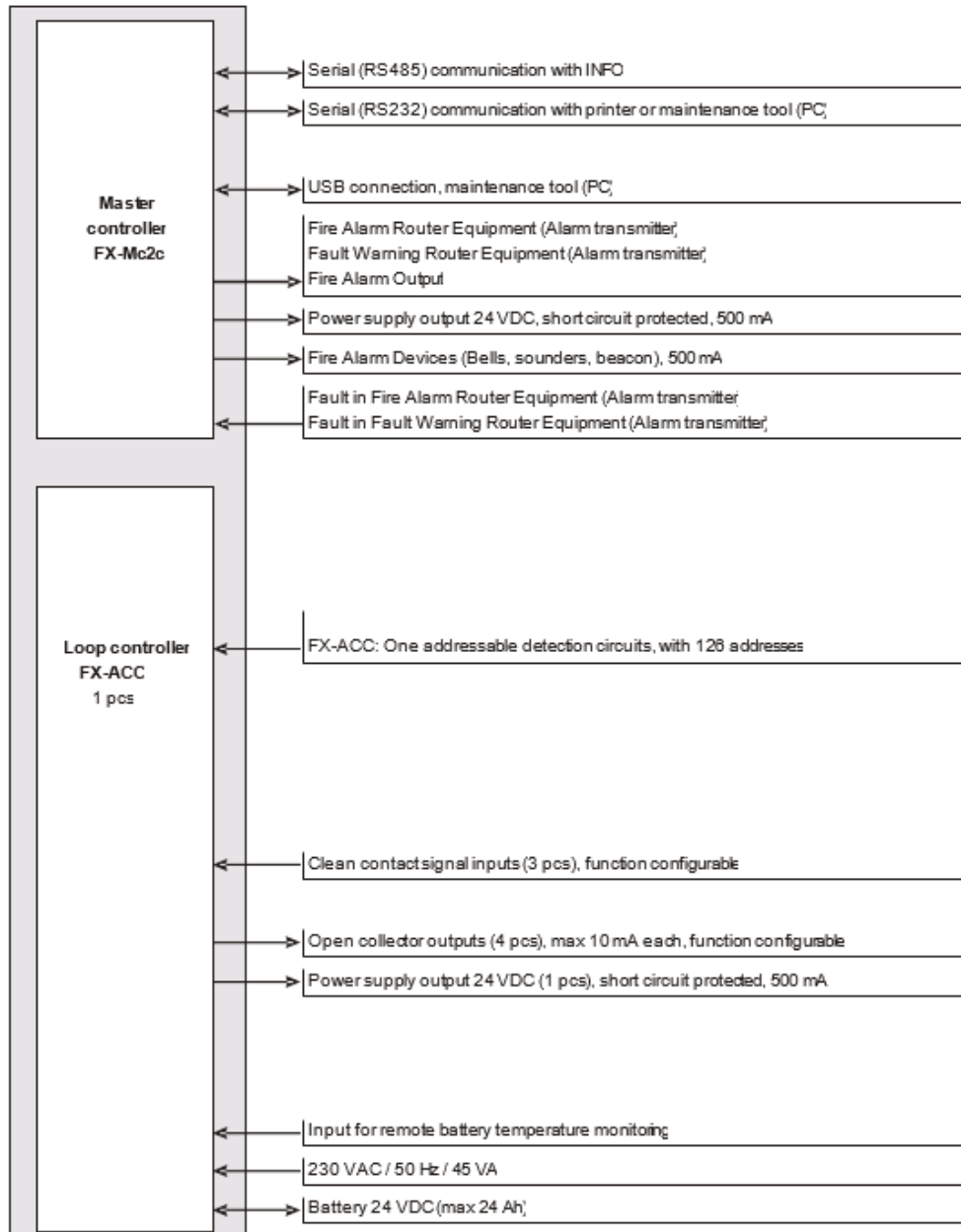


Figure 2. FX101S Control Panel Sense edition external connections

**Note!**

The max. 24 V current consumption of the **FX101S-** control panel (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.