

CONTROL PANELS

FX101A Control Panel Sense Edition

FX101A is a powerful one loop fire detection control panel. The full range of Schneider Electric's ALC 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 Sense Edition, zone led panel ZLPX, Alarm Delay Panel DAP Sense Edition, 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.



Figure 1. FX101A Control Panel Sense edition

Panel installation

The FX101A 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 FX101A 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.FX101A Control Panel Sense edition technical data

Product number	FFS00703816xx Including FDP-ACC, One addressable detection circuit with 126 addresses
Dimensions (h*w*d) [mm]	328 x 425 x 130
Weight (fully equipped, excl. batteries)	5.4 kg
IP Rating	IP30
Operating ambient temperature	+5...+40 °C
Storage ambient temperature	0...+50 °C
Maximum ambient humidity	95% RH
Back frame material	sheet steel
Cover material	plastic
Cover color	White
Mains supply voltage	230 VAC ±10% / 50 ... 60 Hz
Mains supply power	45 VA
Operating voltage range	19 ... 30 Vdc
Maximum current consumption in standby condition	0.5 A @ 24 Vdc
Maximum current consumption in alarm condition	1.4 A @ 24 Vdc
Applied standards	EN 54-2 and EN 54-4
Number of card slots	No option boards slots available
Battery space	2 pcs 12 / 12 Ah

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

FX101A panel external connections

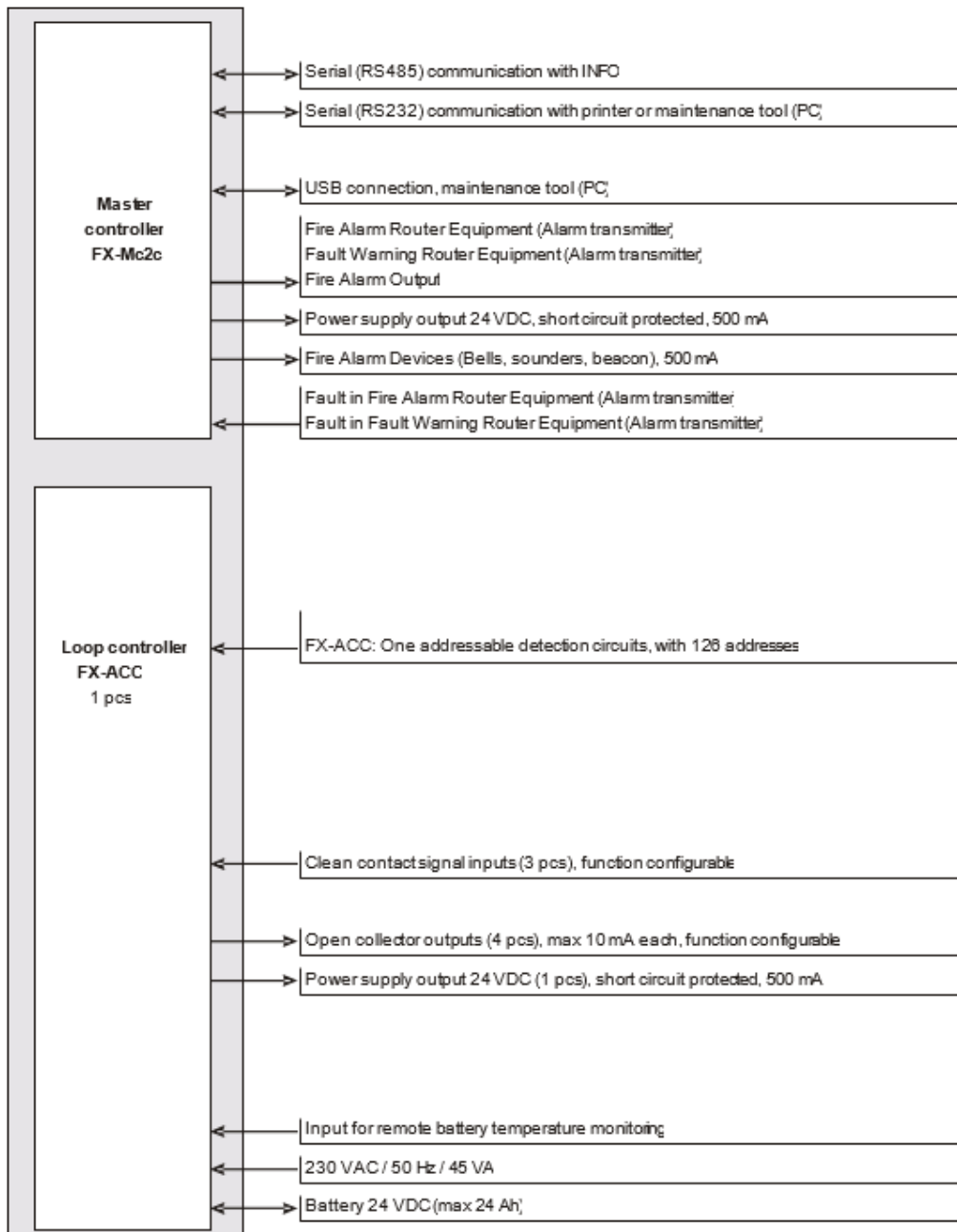


Figure 2. FX101A Control Panel Sense Edition external connections

Note!

The max. 24 V current consumption of the **FX101A-** control panel (ACC-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.