

ALARM DELAY PANEL DAP

Alarm Delay Panel DAP Sense Edition

The Alarm Panel DAP Sense Edition is used for handling of delayed fire alarms. The product function has been designed according to the Swedish standard. The main function principle has been described in the diagram on the last page. The use of delayed alarms in a fire detection system must be agreed always with local fire authorities.

The DAP Sense Edition panel shows “normal” fire alarms too but does not allow any user operations except scrolling.

The delay alarm function is configured in the FDP panel. The DAP Sense Edition panel can be connected to The FDP Sense edition and FX3NET.



Figure 1. Alarm Delay Panel DAP Sense Edition control panel

Mechanical dimensions

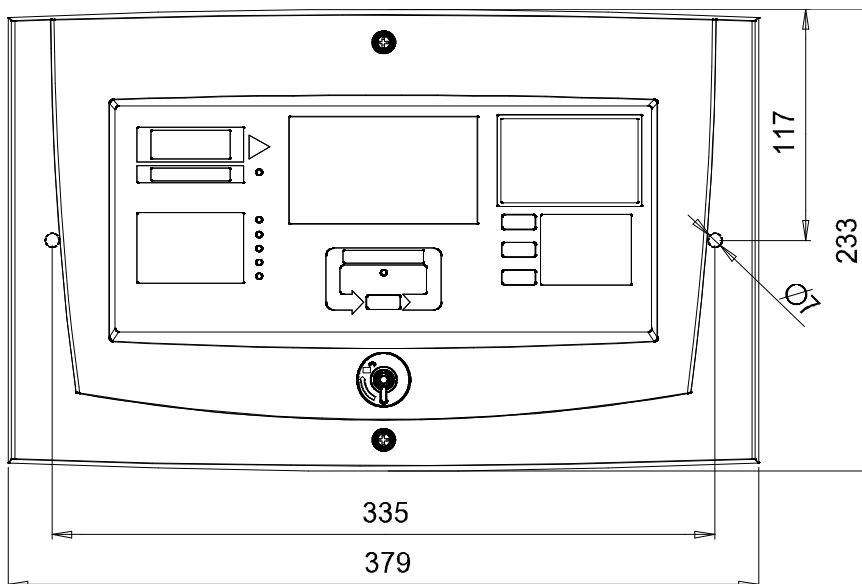


Figure 2. Alarm Delay Panel DAP Sense Edition mechanical dimensions

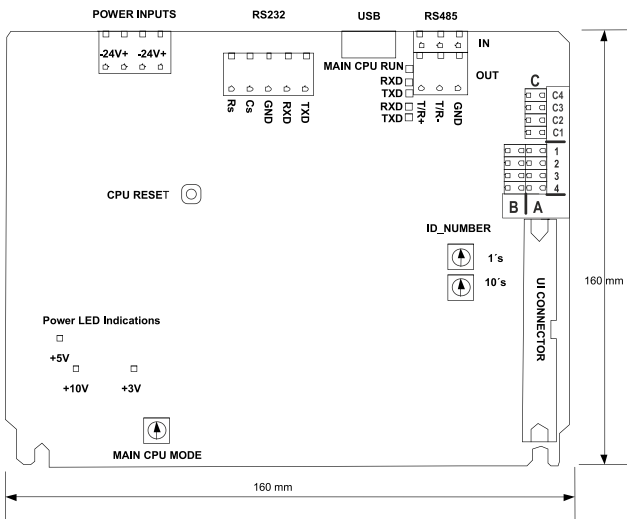
Technical data

Table 1. Alarm Delay Panel DAP Sense Edition technical data

Product number	FFS00702607xx
Dimensions (W x H x D)	379 x 233 x 54 mm
Weight	2,35 kg
Colour	White
Operating Temperature	+5°C ... +40°C
Humidity	max. RH 95%
Operating Voltage	19 ...30 VDC
Standby current	56 mA
Alarm state current	75 mA
Serial communication ports	In: RS485 Out: RS485 Service: RS232 or USB
IP Rating	IP30
Note! Both 24VDC inputs must be connected.	

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

Electrical connections



Note! Both 24VDC inputs must be connected.

Settings

Jumper settings

Table 2. Alarm Delay Panel DAP Sense Edition Jumper settings

A1	OFF	FDP-panel faults indicated
	ON	FDP-panel faults not indicated
A2	OFF	Silence and reset in use
	ON	Silence and reset inhibited. FMP own faults can be handled.
A3	OFF	FDP-panel connection
	ON	ESA/MESA panel connection (message set F or older)
A4	OFF	FMP Sense edition application
	ON	DAP Sense edition application
B1	OFF	“Fire routing activated” LED ON when router is activated

	ON	"Fire routing activated" LED ON when router is activated and FMP displays fire
B2	OFF	OUT "B" port not in use
	ON	OUT "B" port in use
B3	OFF	IN "A" port baud rate 1200
	ON	IN "A" port baud rate 9600
B4	OFF	OUT "B" port baud rate 1200
	ON	OUT "B" port baud rate 9600
C1	OFF	Normal Use
	ON	Configuration State
C2	OFF	Normal Version
	ON	NL/BE Version
C3	OFF	Normal Use
	ON	Program Update
C4	OFF	DAP Sense Edition Prewarning indication off
	ON	DAP Sense Edition Prewarning indication on

Configuration

The DAP Sense Edition can be used in the Esmi Sense FDP fire detection system without any configuration. In this case the DAP Sense Edition displays the same fire alarm information as the FDP-panel communicating with the Fireman's Panel FMP Sense Edition.

If there is a need to display zone/area specific fire alarm information only, then the DAP Sense Edition panel must be configured. The panel is set to the configuration state by setting "C1" jumper ON and restarting the panel (by pressing the CPU reset button) or by configuration software. The configuration is done by using the WinFMPX configuration tool and the incoming service serial port 232 or USB.

Configuration memory erasure

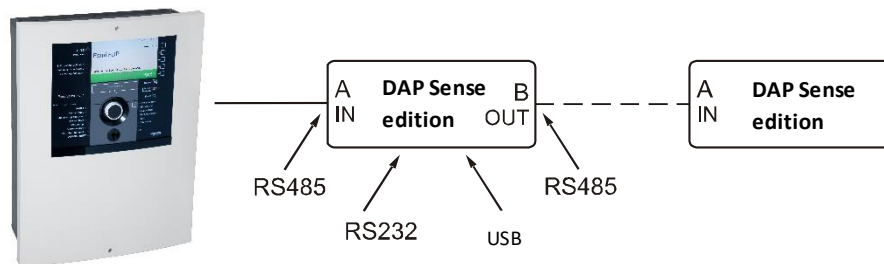
The configuration memory can be erased back to the factory defaults as follows:

- disconnect power from the panel (power inputs P11 and P12)
- set "C1" jumper ON
- turn the panel ID number switches to E (= 10's) and F (= 1's)
- connect power to the panel
- follow the instruction on the panel LCD screen
- when the reboot request can be seen on the screen, disconnect power from the panel, set ID switches back to "0" and remove the "C1" jumper
- connect power to the panel
- panel is starting without configuration data

Software update

The panel is set to the software update state by setting "C3" jumper ON and restarting the panel (by pressing the CPU reset button) or by Servit software. The software update is done by using the Servit software and the service serial port with RS232 or USB.

System principle



Note! The maximum number of DAP, FMP, REP, REPX-OB, MCO, MCOX-OB, ZLPX, ZLPX-IC Sense edition units connected to one FDP-panel is 16.

The RS232 or USB setting is used for the configuration and software update.

Note! The maximum RS485 cable length between 2 devices is 1000 m.

The maximum RS232 cable length is 10 m.