



Fire alarm systems External Fire Brigade Panel 1826

- Control and indicating panel for the fire brigade personnel
- Built-in printer (option)

Ext. Fire Brigade Panel


This unit is intended to be used by the fire brigade personnel, i.e. for pre-warning, co-incident, fire and heavy smoke / heat alarm presentation. Point or zone alarm presentation and fire alarm reset are as in the c.i.e. it is connected to. When there are queued alarms in the system, you can scroll amongst them. All or selected alarms will be presented in the unit's display (LCD, 2x40 characters with back-light). A user definable text message will be presented together with each alarm, if programmed in the c.i.e. Furthermore, ≥ 617 texts for selected alarms can be stored in the unit and will in that case be shown, instead of the texts sent from the c.i.e. for these alarms. A built-in buzzer will sound as in the c.i.e. It can be silenced and the alarm devices in the installation can also be silenced. They will re-sound for a new alarm. The unit is power supplied via the c.i.e. or ext. power supply.

LEDs, push buttons etc.

The unit has the following LEDs:

- **Fire and Alarms queued**, indicating pre-warning, co-incident, fire and heavy smoke / heat alarm.
- **Operation**, indicating that the unit is connected to a c.i.e. and power supplied, i.e. it is in operation.
- **Extinguishing**, indicating that outputs for Extinguishing equipment are activated.
- **Ventilation**, indicating that outputs for Ventilation equipment are activated.
- **Fire brigade tx**, indicating that outputs for Fire brigade tx (routing equipm.) are activated.

The unit has the following push buttons:

- **Alarms queued**, used to scroll amongst the alarms.
- **Silence buzzer**, used to silence the buzzer.
- **Silence alarm devices**, used to silence the alarm devices.
- **Reset**, used to reset the fire alarms.
- , used for paper feed, when the unit is provided with a printer 1835 (option).

The designation texts are in Swedish but a neutral front for other languages is available, see the opposite side of this page.

Ext. FBP 1826 & Printer 1835

The ext. FBP 1826 consists of a grey metal cabinet with a door. A key is required to open the door, which has a Plexiglas in front of the FBP front, see the picture. It has cable inlets on the top, bottom and back sides and is intended to be wall mounted. Two compression glands are attached.

A **Printer 1835** can be mounted in the ext. FBP 1826. It will print all the alarms, including the user definable text messages.

SW mode and address setting

The display and the push buttons are used to set the **SW mode** and **address**.

The SW modes are described on the opposite side of this page.

Product application

The 1826 unit is intended for indoor use and in dry premises. 1826 in SW mode **1826/28 - 1587** is intended to be used in the systems EBL512 & EBL128 and in SW mode **1826/28 - 1582** in the systems EBL500 / 512 / 1000 / 2000. For more information see the opposite side of this page.

Type numbers	
1826	External Fire Brigade Panel
1835	Printer for External Fire Brigade Panel 1826
1582	External FBP interface board. (Required in EBL512 / 500 when SW mode 1826/28 – 1582 shall be used.)
1587	External FBP / DU interface board. (Required in EBL512 when SW mode 1826/28 – 1587 shall be used. EBL512 software version ≥ 2.2 is required.)
2431	Connection board. (Required in EBL1000. Only SW mode 1826/28 – 1582 can be used.)
4552	RS485 Transceiver component / comm. module. (Required in EBL128. Only SW mode 1826/28 – 1587 can be used.)

NOTE! The number of ext. FBPs that can be power supplied via the c.i.e. / board / external power supply, is depending on if each 1826 unit has a printer or not, as well as all other units connected to the same c.i.e. / board / external power supply.¹ Up to 1200 m cable can be used.

In EBL128 is no separate interface / connection board required, only the 4552 component.

The unit is available with a neutral front where the designation texts, by production, are made separately and put into a transparent "text slot" for the LED and push button respectively.

The ext. FBP 1826 can run in one of two different SW modes:

a) 1826 in SW mode 1826/28 - 1587 has the highest performance with regard to functionality, response time, ability to store fire alarms, etc. and is intended to succeed the ext. FBP 2426 (1826+printer 1835 will succeed the ext. FBP 2425) but not as a spare part, since 1826, in this SW mode, requires an Ext. FBP / DU interface board 1587 in the EBL512 c.i.e. and the look, dimensions, etc. are not the same. This mode is always used when the ext. FBP is connected to EBL128.

b) 1826 in SW mode 1826/28 - 1582 has the same functionality as the ext. FBP 2426 and can be used as a spare part (1826+printer 1835 is a spare part for the ext. FBP 2425), i.e. the performance is the same but the look, dimensions, etc. are not the same. 1826, in this SW mode, requires an Ext. FBP interface board 1582 in the EBL512 / EBL500 c.i.e.

Technical data	
Voltage (V DC) rated allowed	24 12-30
normal (in the system) normal (in the system by battery back-up)	24 21-27
Current consumption at norm. volt. (mA) Ext. FBP 1826 quiescent / active Printer 1835 quiescent / active	26 (at 24 V), 48 (at 12 V) / 49 (at 24 V), 88 (at 12 V) 4 (at 24 V), 7 (at 12 V) / 161 (at 24 V), 345 (at 12 V)
Ambient temperature (°C) operating storage	0 to +40 -40 to +70
Ambient humidity (% RH)	max. 90, non condensing
Ingress Protection rating (estimated)	IP52
Size W x H x D (mm)	400 x 288 x 95
Weight (g) Ext. FBP 1826 Printer 1835 (paper roll incl.)	5140 345 (110)
Colour (metal cabinet / door)	Light grey (NCS S 1500-N, PMS Cool grey 2)
Approvals	CE; Conforms with EN54-2 and -4 whenever applicable. Conforms with SS3654 edition 1.

¹ On each 1582 board are up to eight addresses available and on each 1587 board up to sixteen addresses. In EBL128 are up to four addresses available.

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Product Leaflet	Date of issue	Revision / Date of revision
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