Fire alarm systems
Alert annunciation units
1735 and 1736

- Control and indicating unit for alert annunciation
- Compact size

Alert annunciation unit

When the **A**lert **A**nnunciation function shall be used in the systems EBL512 & EBL128 an **AA** unit is required to present the **AA** alarms and for the related manoeuvres, i.e. to acknowledge / reset the alarms. For a detailed description of the **AA** function, see Planning and Operating instructions for the system respectively.

Point or zone alarm presentation is 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 <u>display</u> (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, $\geq$ 617 texts can for selected alarms 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 <u>buzzer</u> will sound to indicate a not acknowledged **AA** 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 fire alarm / **AA** alarm.
- **Operation**, indicating that the **AA** function is enabled in the system. Normally a time channel is used to enable this function.
- **Fire brigade alerted**, indicating that the "Fire brigade tx" output is activated in the c.i.e. because:
  - the activated alarm is <u>not</u> an **AA** alarm
  - the **AA** function has been ended, e.g. the acknowledge or investigation time has run out, etc.

- **Acknowledge**, indicating that the **AA** alarm has been acknowledged.

The unit has the following push buttons:

- **Alarms queued**, used to scroll amongst the alarms.
- **Acknowledge**, used to acknowledge an **AA** alarm and hereby also silence the buzzer.
- **Reset**, used to reset an **AA** alarm.

1735 has the designation texts in Swedish.

1736 has a neutral front for other languages, see the opposite side of this page. (This front also holds one extra LED & two extra push buttons.)

Compact size

The compact size enclosure is made of grey high impact ABS. Fitted with a supplementary "O" ring gasket, it will comply with IP61, in respect of dust and moisture. The unit has no door, i.e. the front is accessed directly, when required. The push buttons are disabled until they are supposed to be used. The unit shall be wall mounted. Two compression glands are attached.

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 units are intended for indoor use and in dry premises. They are intended to be used in the systems EBL512 & EBL128. An External FBP / DU interface board 1587 is required in the EBL512 c.i.e. and a 4552 Transceiver component in the EBL128 c.i.e.

Type numbers	
1735	Alert annunciation unit. <u>Swedish designation texts</u>.
1736	Alert annunciation unit. <u>Designation texts in any language</u>.
1587	External FBP / DU interface board in EBL512, for connection of the 1735 and 1736 units in system EBL512. (Software version $\geq$ 2.2 is required.)
4552	RS485 transceiver component, for connection of up to four display units, e.g. Alert Annunciation Units 1735 / 1736 in system EBL128.

NOTE! The number of units that can be power supplied via the c.i.e. (or an external power supply) is depending on all other units connected to the same c.i.e. / external power supply. Up to 1200 m cable can be used.

The **1736** unit has a <u>neutral front</u> where the designation texts, by production, are made separately and put into a transparent "text slot" for the LED and push button respectively.

1735 succeeds the Display unit (with alert annunciation) 2235SE but <u>not as a spare part</u>, since 2235SE is connected to a COM loop and <u>1735 requires an Ext. FBP / DU interface board 1587</u> in the c.i.e.

(2235**SE** = Swedish designation texts.)

1736 succeeds the Display unit (with alert annunciation) 2235xx but <u>not as a spare part</u>, since 2235xx is connected to a COM loop and <u>1736 requires an Ext. FBP / DU interface board 1587</u> in the c.i.e.

(2235**xx** = Designation texts in another language than Swedish.)

The **AA** unit 1735 and **AA** unit 1736 shall run in **SW mode 1735 – 1587** and **SW mode 1736 – 1587** respectively.

Technical data	
Voltage (V DC)	
rated	24
allowed	12-30
normal (in the system)	24
normal (in the system by battery back-up)	21-27
Current consumption at norm. volt. (mA)	
AA unit 1735 / 1736	
quiescent / active	**26** (at 24 V), 48 (at 12 V) / **42** (at 24 V), 79 (at 12 V)
Ambient temperature (°C)	
operating	0 to +40
storage	-40 to +70
Ambient humidity (% RH)	max. 90, non condensing
Ingress Protection rating (estimated)	IP61 (with the "O" ring gasket)
Size W x H x D (mm)	220 x 145 x 50
Weight (g)	
1735	687
1736	691
Colour (high impact ABS)	Grey (RAL 7035)
Approvals	CE; Conforms with EN54-2 and –4 whenever applicable. Conforms with SBF 110:6.

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
MEW00278	2003-04-16	3 / 2006-08-31

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