



Fire alarm systems Alert annunciation controller 1740

- Controller for the Alert Annunciation function
- Compact size

Alert annunciation controller

When the Alert Annunciation (AA) function shall be used in system EBL500. The unit is required for the related manoeuvres, i.e. to acknowledge / reset the alarms.

For a detailed description of [the Alert Annunciation function](#), see system EBL500 Planning and Operating Instructions.

The unit shall be mounted close to the c.i.e. (or an ext. FBP / Presentation unit) where the fire alarms will be presented.

LEDs, push buttons etc.

The designation texts for the LEDs and push buttons on the front are in Swedish.

The unit has the following LEDs:

- **Larm**, indicating fire / AA alarm.
- **Drift**, indicating that the unit is in operation, i.e. the AA function is enabled in the system. Normally a time channel is used to enable this function.
- **Räddningstjänsten larmad**, indicating that the "Fire brigade tx" output is activated in the c.i.e. because:
 - the activated fire alarm is not an AA alarm
 - the AA function has been ended, e.g. the acknowledge or investigation time has run out, etc.
- **Kvittering**, indicating that the AA alarm has been acknowledged.

The unit has the following push buttons:

- **Kvittering**, used to acknowledge an AA alarm.
- **Återställning**, used to reset an AA alarm.

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.

Miscellaneous

The LED "Kvittering" (Acknowledge) can be turned on by the push button "Kvittering" (Acknowledge) or by an input, i.e. a programmable output in the c.i.e. This is set via a jumper "JP1" in the unit.

The unit is power supplied from the c.i.e. or an external power supply.

One supplementary compression gland can be used for cable entry when required.

Product application

1740 is intended to be used in the fire alarm system **EBL500** but can be used in the systems EBL1000 / 2000 / 512 / 128 as well.

The 1740 controller is intended to succeed the alert annunciation controller 2232.

Type number	
1740	Alert annunciation controller.

Technical data	
Voltage (V DC) nominal	See input 1 below.
Current consumption at nom. volt. (mA) quiescent ¹ active ²	10 40
Ambient temperature (°C) operating storage	0 to +40 -40 to +70
Ambient humidity (% RH)	max. 90, non condensing
Ingress Protection rating (estimated)	IP61 (with the "O" ring gasket)
Inputs 1. Operation 2. Fire 3. Fire brigade alerted 4. Acknowledged	24 V DC, (voltage input, 19-30 V DC, via a time channel) General fire alarm (normally open contact) Fire brigade tx activated (normally open contact) Alert annunciation acknowledged (normally open contact)
Outputs 1. Acknowledge 2. Reset	Relay contacts for 1 A @ 24 V DC. Push button "Kvittering" activated (normally open) Push button "Återställning" activated (normally open)
Size W x H x D (mm)	220 x 145 x 50
Weight, (g)	400
Colour (high impact ABS)	Grey (RAL 7035)
Approvals	CE; Conforms to EN54-2 and -4 whenever applicable. Conforms to SBF 110:6.

¹ LED "Drift" turned on.

² LED "Kvittering" or LED "Räddningstjänsten larmad" turned on.

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
MEW00279	2002-10-21	3 / 2006-08-31