Panasonic

Fire alarm systems
Alert annunciation controller 1740

- Controller for Alert Annunciation
- Compact size

Alert annunciation controller

When the **A**lert **A**nnunciation (**AA**) function shall be used in e.g. 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 Planning and Operating Instructions for the system respectively.
The unit shall be mounted close to the c.i.e. (or an ext. FBP / Presentation unit) where the **AA** 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 / 128 / 512 / 512 G3 as well.

The 1740 controller has succeed the alert annunciation controller 2232.

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ISO 9001

Type number	
1740	Alert annunciation controller.

Technical data	
Voltage (V DC)	
nominal	See input 1 below.
Current consumption at nom. volt. (mA)	
quiescent[1]	10
active[2]	40
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)
Inputs	
1. Operation	24 V DC, (voltage input, 19-30 V DC, via a time channel)
2. Fire	General fire alarm (normally open contact)
3. Fire brigade alerted	Fire brigade tx activated (normally open contact)
4. Acknowledged	Alert annunciation acknowledged (normally open contact)
Outputs	Relay contacts for 1 A @ 24 V DC.
1. Acknowledge	Push button "Kvittering" activated (normally open)
2. Reset	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.