



Fire alarm systems

Base

2324

- Common base for the different conventional detectors
- Easy connections incl. output for external LED
- Locking mechanism

Common base

The base 2324 is connected to a zone line input for conventional alarm points. Conventional heat, smoke and multi detector types 23xx / 43xx / 627x can be plugged in the base. (See Product Leaflet for the detector type respectively.)

The base is supplied with an LED that will light when the detector, plugged in the base, goes into alarm.

Easy connection

The base has screw terminals for the zone line (in/out) and external indicator (LED) e.g. 2218.

Locking mechanism

The base has a mechanical locking mechanism for conventional detector types 23xx / 43xx / 627x. The locking mechanism can be disabled.

Miscellaneous

Fault signal is obtained in the c.i.e. if the detector is un-plugged, i.e. all the following alarm points on the zone line becomes disabled.

For more information regarding detector types, connections, etc. see Planning Instructions and connection diagrams for the system respectively.

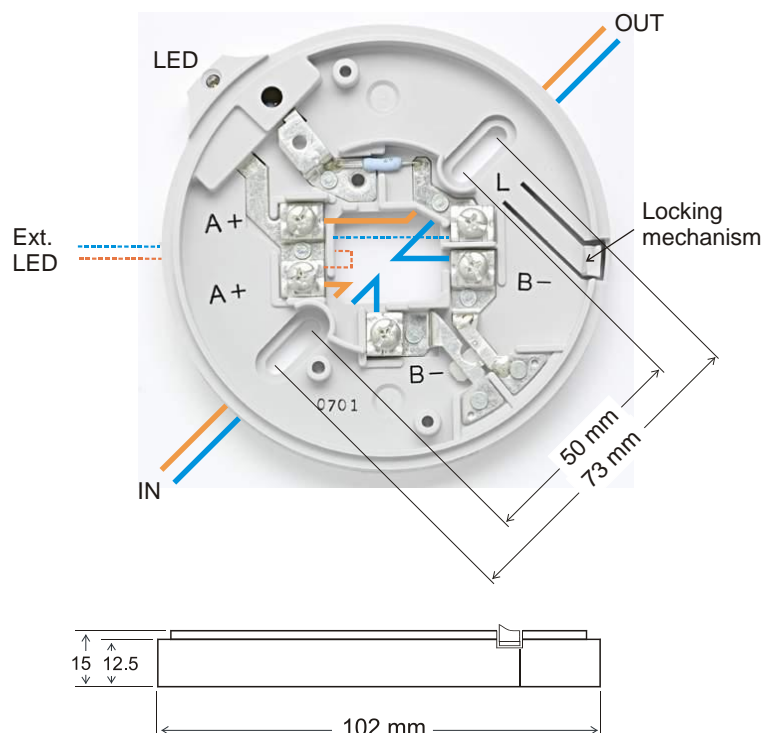
Product applications

Used in the systems EBL500 / 512 / 512 G3 / 128 / 1000 / 2000 provided with some zone line inputs for the system respectively (e.g. an 8 zones expansion board 1580 / 4580 input, an addressable zone interface 2226 / 2335 input, an addressable multi purpose I/O unit 3361 zone line input, etc.).

The base is intended for indoor use and in dry premises.

Type number

2324 Base (for conventional detectors)



A+ / B- = Zone line (in/out). **A+ / L** = Ext. LED output. Terminal wire diameter 0.6 – 1.6 mm (approx. 0.3 – 2 mm²). Between B⁻ⁱⁿ and B^{-out} is a contact that is closed when the detector is plugged in the base.

Conventional detector types 23xx, 43xx and 627x can be plugged in the base 2324.

Technical data

Voltage (V DC)	
Rated	24
allowed	30
normal	24 (zone line voltage)
Current consumption at nom. volt. (mA)	Depending on the type of detector that is plugged in the base. Current limitation in all EBL equipment.
quiescent (base only)	0
active (incl. internal LED)	max. 70 (Alarm resistance 360Ω)
ext. LED	max. 70 (Alarm resistance 320Ω)
Ext. LED output	
voltage (V)	Zone line voltage minus 2 V
max. current output (mA)	10 (no internal current limiter)
Ambient temperature (°C)	
Operating	-10 to +50
storage	-25 to +70
Ambient humidity (% RH)	max. 95, non condensing
Ingress Protection rating (estimated)	IP51
Weight (g)	59
Colour	grey (N8, Muncell colour code)
Approvals	CE; EN 54, when applicable (e.g. environmental tests).

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
MEW00008	2000-05-12	6 / 2011-03-09