

DATASHEET

Fire Detectors (Conventional Detector Base)

- 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 detectors type 435x can be plugged in the base. (See Product Leaflet for the detector type respectively, for type of base.) 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 an external indicator (LED).

LOCKING MECHANISM

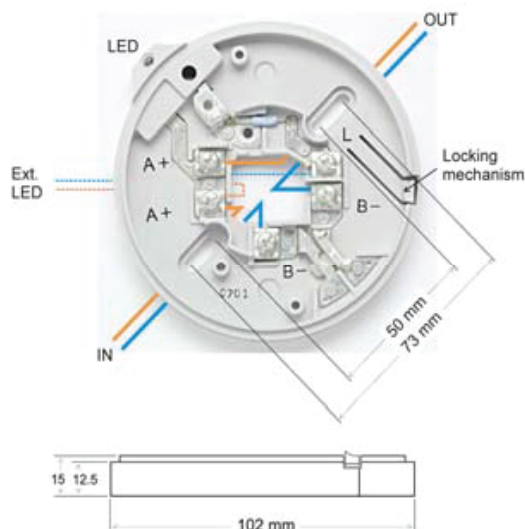
The base has a mechanical locking mechanism for conventional detectors type 435x. The locking mechanism can be disabled.

MISCELLANEOUS

Fault signal is obtained in the c.i.e. if the detector is unplugged, i.e. all the following alarm points on the zone line become disabled. For more information regarding detector types, connections, etc. see Planning Instructions and connection diagrams for the system respectively.

PRODUCT APPLICATION

Used in the system Firetracker 512 or 128 provided with some zone line input for the system respectively (e.g. an 8 zones expansion board 1580 / 4580 input, an addressable zone interface 2226 / 2335 input, an addressable multipurpose I/O unit 3361 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 Bin 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

Model Number	2324
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Voltage (V DC)	
Rated	24
allowed	30
normal	24 (zone line voltage)
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Current consumption at nom. volt. (mA)	Depending on the type of detector that is plugged in the base.
Quiescent (base only)	Current limitation in all EBL equipment.
Active (incl. internal LED)	0
Ext. LED	max. 70 (Alarm resistance 360Ω) max. 70 (Alarm resistance 320Ω)
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Ext. LED output	
Voltage (V)	Zone line voltage minus 2 V
Max. current output (mA)	10 (no internal current limiter)
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Ambient temperature (°C)	
Operating	-10 to +50
Storage	-25 to +70
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Ambient humidity (% RH)	max. 95, non condensing
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Ingress Protection rating (estimated)	IP51
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Weight	59g
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Colour	grey (N8, Muncell colour code)
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Approvals	CE; AS 7240.5 and 7