

Technical Bulletin

Sigma 2 T Series "two-wire" Conventional Fire Control Panel - Device Compatibility

TB 1028

Model Numbers - T11020, T11040, T11080

Introduction

The Sigma 2 T-series fire alarm control panel is a conventional panel capable of operating on a two-wire principle. Two-wire systems can save considerable amounts of wiring and installation time, by connecting call points, detectors and sounders to the same pair of wires used for each detection zone

However, to enable "two wire" operation only the compatible devices of the types listed below must be used.

Detectors and Bases

| Manufacturer | Compatible Bases | Compatible Detection Devices |
|----------------------------|---------------------------------------|---|
| Apollo fire Detectors Ltd. | Apollo part number - 45681-206 | All Series 65 Detectors All Series 60 Low Voltage Detectors. |
| | Apollo part number - ORB-SW-10005-APO | Orbis range detectors |
| Hochiki Europe (UK) Ltd | Hochiki part number - YB0-R/5PA | All Hochiki Conventional Detectors that are compatible with the YB0-R/5PA base. |

Call Points

Any call point device that has a trigger resistor of between 470 and 1000 ohms may be used.

Sounders

Any 24V d.c polarised sounders that do not exceed the power rating of the sounder outputs (500mA per zone and 1.5A total across all zones) may be used.