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## **FC708D and FC718D Addressable Fire Control Panels**

The FC708D and FC718D fire alarm control panels have fully programmable TFT colour touch-screen user interfaces with context sensitive help and on-screen instructions. The user interfaces are suitable for use with or without gloves.

FC708D and FC718D fire alarm panels can each support 1000 addresses in total and panels can be networked together. They are equipped with four shared power (SP) loops that can be hardware configured as two high power (HP) loops and can easily be expanded to 4 HP loops or 8 SP loops.

**Figure 1: FC708D**



**Figure 2: FC718D**



## **Features**

### **Additional Panel Features**

- 8.4" TFT colour touch screen multilingual user interface - architecturally attractive and fully programmable
- Ergonomic Icon Display - simple to operate user interface reduces operator errors
- Touch sensitive status LEDs provide event summary information - instant access to detailed event information
- Context sensitive help and on screen operator instructions - reduces the need for user training and provides support for infrequent users
- User configurable on-screen site maps - no need for additional site plans

- Programmable graphic quiescent display - opportunity for customer branding
- Comprehensive point management and disable functions - gives the user full control and reduces service and maintenance effort
- 10,000 event log
- Dynamic filters on the event log to quickly resolve site investigations
- Keyless log-on using RFID tags - identifies and logs user actions
- Flexible single or dual hardware loop configurations - optimise loop power and address capacity
- Integral slot card cage – easily expanded with a number of slot card options

## Ordering information

### Ordering Codes - Control Panels, Housing, and Accessories

**Table 1: Order codes - Control Panels, housing, and accessories**

| Order number | Product details                                      |
|--------------|------------------------------------------------------|
| 557.200.954  | FC1DS FireClass fully functional Repeater            |
| 557.200.955  | FC1D2 Display Only Repeater                          |
| 557.200.956  | FC8AS FC 80 Zone AC Repeater                         |
| 557.200.957  | FCZ4DS FireClass 40 Zone Display                     |
| 557.200.958  | FCZ8DS FireClass 80 Zone Display                     |
| 557.200.959  | FC-PRT Printer Module in Housing                     |
| 557.200.949  | FC702S:1 -2 Loop FireClass Panel                     |
| 557.200.950  | FC702D:1 -2 Loop FireClass Panel                     |
| 557.200.952  | FC718D:4-8 Loop FireClass Panel                      |
| 557.200.951  | FC708D: 4-8 Loop FireClass Panel                     |
| 557.200.960  | FC-ANC Ancillary Housing                             |
| 557.200.961  | FC-FI: FireClass panel main board (replacement unit) |
| 557.200.962  | FireClass RFID cards, 5 units                        |
| 557.200.963  | FC-ANC-E Emty Ancillary Housing                      |
| 557.202.842  | PLX800: FireClass loop expansion slot card           |
| 557.202.844  | PNI800: FireClass network interface slot card        |
| 557.202.859  | POS800-S: fibre optic switch single mode             |
| 557.202.862  | POS800-M: fibre optic switch multimode               |
| 557.202.860  | PCS800: FireClass Ethernet switch                    |
| 557.202.804  | Rack Mount Kit for GUI Repeater and Zonal Repeater   |
| 557.201.513  | Document Holder Attachment fitting kit               |
| 557.202.006  | IOB800 (8in/8out) expansion board                    |
| 557.202.100  | FB800 fuse board 15 way                              |
| 557.202.805  | P-KEY FireClass Enable Key Kit                       |
| 557.202.801  | P-WSH FireClass Display Wall mount Shallow           |
| 557.202.802  | P-WDP FireClass Display Wall mount Deep Backbox      |

**Table 1: Order codes - Control Panels, housing, and accessories**

| Order number | Product details                                             |
|--------------|-------------------------------------------------------------|
| 557.202.871  | Flush Mount Kit Repeater                                    |
| 557.301.014  | Spare Paper Roll (pack of 5)                                |
| 557.180.244  | External printer EPSON LQ350 Dot matrix printer             |
| 557.180.220  | LQ 300+ Printer ribbon spare                                |
| 557.202.117  | Serial printer cable for MPM800 or FIM800                   |
| 557.200.757  | Semi Flush Fire Alarm Panel Steel Bezel Painted 480x410mm   |
| 557.200.752  | Semi Flush Fire Alarm Panel Bezel Stainless Steel 480x410mm |

## Ordering Codes – Mechanical Parts

**Table 2: Order codes -mechanical parts**

| Order number | Product details |
|--------------|-----------------|
| PS-12170     | 17 Ah battery   |
| PS-12260     | 26 Ah battery   |
| PS-12380     | 38 Ah battery   |

## Ordering Codes - GUI/Zonal Display Inserts

**Table 3: Order codes - GUI/Zonal display inserts**

| Order number | Product details                                    |
|--------------|----------------------------------------------------|
| 557.200.965  | FireClass Language inserts - Dutch (Pack of ten)   |
| 557.200.966  | FireClass Language inserts - Turkish (Pack of ten) |
| 557.200.970  | FireClass Language inserts - Belgian (Pack of ten) |
| 557.200.971  | FireClass Zonal Display inserts                    |

# Performance characteristics

**Table 4: Performance characteristics**

|                                               | FC708D                                  | FC718D |
|-----------------------------------------------|-----------------------------------------|--------|
| Number of loops                               | 2 HP or 4 SP expandable to 4 HP or 8 SP |        |
| Addresses per loop                            | up to 250                               |        |
| Total number of addresses                     | 1000                                    |        |
| Number of zonal LEDs                          | 80                                      | 16     |
| Number of zones supported                     | 240                                     |        |
| Dimensions H x W x D mm                       | 480 x 410 x 205                         |        |
| Weight - excluding batteries                  | 12.5 kg                                 | 13 kg  |
| Backbox colour                                | RAL 7035 fine texture matt              |        |
| Door colour                                   | RAL 7035 fine texture matt              |        |
| User interface surround                       | RAL 7016                                |        |
| Operating Temperature                         | -5°C to +40°C                           |        |
| Storage Temperature                           | -20 to +70 °C                           |        |
| Relative humidity, continuous, non-condensing | 90% RH                                  |        |
| IP Rating                                     | IP30                                    |        |
| EMC/RFI                                       | EN50130-4, EN61000-6-3                  |        |
| Supply voltage (panel)                        | 230 VAC 50/60 Hz                        |        |
| Input current (panel)                         | 1.6 A                                   |        |
| Battery capacity                              | 38Ah                                    |        |

## Approvals

**Table 5: Approvals**

|        | <br>0051<br>19<br><b>Tyco Fire &amp; Security GmbH, Victor von Bruns-Strasse 21, 8212 Neuhausen am Rheinfall, Switzerland.</b> | CPR Approval |         | MED | European Type Approvals |     |       |     |       | International Listings |        |      |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----|-------------------------|-----|-------|-----|-------|------------------------|--------|------|
|        |                                                                                                                                                                                                                   | EN 54-2      | EN 54-4 |     | LPCB                    | VDS | AFNOR | FNO | SB SC | FP ANZ                 | HK FSD | TFTF |
| FC708D | DOP-2018-4265                                                                                                                                                                                                     | x            | x       |     | x                       |     |       |     |       |                        |        |      |
| FC718D | DOP-2018-4266                                                                                                                                                                                                     | x            | x       |     | x                       |     |       |     |       |                        |        |      |

All required Declarations and certificates are publically available on the website [www.fireclass.net](http://www.fireclass.net) and are searchable by number or model name. The above fire detection products are components designed for use in Addressable Systems exclusively available to registered partners only. They are intended for installation by trained registered personnel only. Systems should be installed and configured according to local regulations.