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## FC602S Addressable Fire Control Panels

The FireClass FC602S range consists of the following panels:

- **FC602S:** Two loop FireClass networkable panel with a shallow housing. It can have two standard power loops or one high power loops with each panel having a maximum of 250 addresses. It features a colour LCD display with 32 zonal LEDs, and has a maximum capacity of 17Ah batteries.
- **FC602S Scandinavian:** Two loop FireClass networkable panel with a shallow housing. It can have two standard power loops or one high power loops with each panel having a maximum of 250 addresses. It features a colour LCD display with 32 zonal LEDs and a fireman's keyswitch, and has a maximum capacity of 17Ah batteries.

**Figure 1: FC602S panel**



**Figure 2: FC602S Scandinavian panel**



## Additional Panel Features

- Colour LCD display with 32 zonal LEDs
- Simple to operate user interface
- Flexible loop configurations with up to 1A current to increase use of loop power and address capacity
- Comprehensive point management
- 10000 event log
- Editable quiescent display text
- Extensive special cause and effect programming
- Manual and automatic walk test
- Automatic battery test
- Detector service functions
- Front panel controls enabling text and configuration changes
- Up to 99 networkable panels
- Up to seven fully functional repeaters
- Compact housing

## Ordering information

**Table 1: Order codes for control panels and repeaters**

Order number	Product details
557.200.650	FC602S 1-2 Loop FireClass Panel Shallow
557.200.652	FC602S 1-2 Loop FireClass Panel Shallow Scandinavian
557.200.654	FC32AR 32 zone AC Repeater
557.200.655	FC32DR 32 zone DC Repeater
557.200.656	FC32AR 32 zone AC Repeater Scandinavian
557.200.657	FC32DR 32 zone DC Repeater Scandinavian

**Table 2: Order codes for accessories and housing**

Order number	Product details
557.180.220	LQ 300+ printer ribbon spare
557.180.244	External printer EPSON LQ350 dot matrix printer
557.180.870	Isolated RS485 Converter for CUI
557.200.658	FCXB-S ancillary housing Scandinavian
557.200.960	FC-ANC ancillary housing
557.200.963	FC-ANC-E empty ancillary housing
557.202.081	FOM800 Glass-fiber module for use with PNI800
557.202.100	FB800 15WAY fuse board
557.202.117	Serial printer cable
557.202.844	PNI800 panel net interface

**Table 3: Order codes for spares**

Order number	Product details
508.031.753	BAW75T24 Switching power supply and battery charger - Max. 2,7A @ 27,6 VDC
557.200.661	Spare FC-FI-1 FireClass Field Interface (1-2 Loop)
557.200.663	Spare Display FC-CUI PCBA
557.200.664	Spare Display FC-CUI-S PCBA Scandinavian
557.200.665	Spare FC-CUI-R Repeater Display PCBA
557.200.666	Spare FC-CUI-RS Repeater Display PCBA Scandinavian

**Table 4: Order codes for mechanical parts**

Order number	Product details
557.200.752	Semi flush fire alarm panel bezel stainless steel 480 x 410 mm
557.200.757	Semi flush fire alarm panel steel bezel painted 480 x 410 mm
557.202.807	P-EXP panel expansion kit

**Table 4: Order codes for mechanical parts**

<b>Order number</b>	<b>Product details</b>
557.202.921	Mounting plate for panels
PS-12170	12V 17 A/H SLA BATTERY

**Table 5: Order codes for CUI and zonal display inserts**

<b>Order number</b>	<b>Product details</b>
557.202.924	Blank CUI inserts - 2x A4 sheet with 6 pcs each

## Performance characteristics


**Table 6: Performance characteristics**

	FC602S FC602S Scandinavian	FC32AR AC Repeater FC32AR AC Repeater Scandinavian	FC32DR DC Repeater FC32DR DC Repeater Scandinavian
Number of loops	1 HP or 2 SP	n/a	
Addresses per loop	Up to 250	n/a	
Total number of addresses	250	n/a	
Number of zonal LEDs	32		
Number of zones supported	240	n/a	
Dimensions H x W x D mm	480 x 410 x 140		370 x 254 x 80
Weight - excluding batteries	8.5 kg		4 kg
Backbox colour	RAL 7035		
Door colour	RAL 7035		
Operating temperature	-5°C to +50°C		
Storage temperature	-20 to +70 °C		
Relative humidity, continuous, non-condensing	95% RH		
IP rating	IP30		
EMC/RFI	EN50130-4, EN61000-6-3		
Supply voltage (panel)	230 VAC 50/60 Hz		24V DC
Input current (panel)	0.9 A		350 mA
Battery capacity	17 Ah		No batteries

- ① **Note:** The operating temperature is approved by BRE to 40°C in accordance with the requirements of EN54-2 and EN54-4. Testing to 50°C was performed internally with satisfactory results.

# Approvals

**Table 7: Approvals**

	 21 2831-CPR-F4596 (FC602S) 2831-CPR-F4598 (FC602S Scandinavian) 21 0832-UKCA-CPR-F0402 Tyco Fire and Security GmbH, Victor von Bruns- Strasse 21, 8212 Neuhausen am Rheinfall, Switzerland.	EN standards			European Type Approvals					International Listings		
		EN 54-2	EN 54-4	MED	LPCB	VDS	AFNOR	FNO	SBSC	FP ANZ	HK FSD	TFTF
FC602S	DOP-2021-4290	x	x		x							
FC602S Scandinavian	DOP-2021-4292	x	x		x							

All required declarations and certificates are publicly available on the website [www.fireclass.com](http://www.fireclass.com) 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.