

fighter XT

unique conventional extinguishing system



EC Certificate Number
1293-CPR-0525



General Specifications

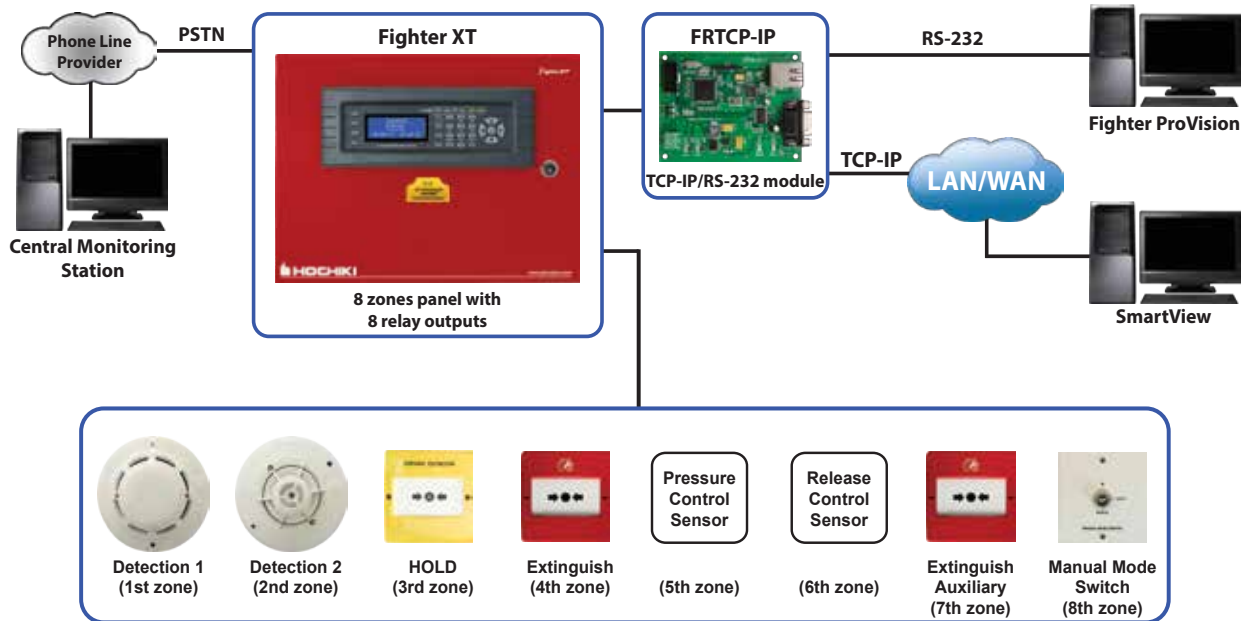
- Advanced conventional fire alarm & extinguishing panel using Bus technology.
- 1 Extinguishing area with 8 zones
- Up to a maximum of 8 keypads units.
- LCD keypad unit for supervision, monitoring, operation and programming of the system.
- Build-in DTMF communicator supports Ademco C.I.D. format.
- Serial (RS232) connection for supervision, monitoring, operation and programming of the system through the SmartView software and the RS-232/485 module (optional).
- Remote supervision, monitoring, operation and programming of the system with TCP/IP connection and the SmartView software (optional).
- Intellizone and Cross-zone feature.
- Walk Test feature.
- Day / Night feature.
- Certified to European directives **EN 54-2:1997/A1:2006/AC:1999**, **EN 54-4:1997/A2:2006/AC:1999** & **EN12094-1:2003** (Extinguishing).

Technical Specifications

Bus voltage	24VDC typical
Current at 24Vdc per PSU	1.8 A
Main board current draw [Standby / Alarm]	112 mA / 350 mA
Zones Expansion Module current draw [Standby / Alarm]	60mA / 220 mA
Relays Expansion Module current draw [Standby / Alarm]	40mA / 230 mA
Keypads current draw [Standby / Alarm]	25 mA / 110 mA
Auxiliary output	24VDC +/- 10%, 800 mA max, current limited, monitored
Batteries	2x 12V, 7Ah sealed lead acid gel, self regulated
Zone Inputs Voltage	16.3 VDC ±10%, 0,5 V max ripple voltage
Zone Reset Operation	0,5 VDC max voltage, duration 3,1 sec
Max total detector's standby current per zone	15 mA
Signalling devices outputs	24VDC ±10%, 1A max, fused and monitored
Fault relay contacts rating	Dry contacts (NO/NC) 30 VDC, 3 Amps
BUS system	4 wire RS485 bus system
Bus max length	1200m using typical RS485 cables
Bus Max capacitive load	400 nF
Dimensions (HxWxD [mm])	315x425x100

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Extinguishing panel operational overview

		Time Line →		
		First Level Alarm	Second Level Alarm	Extinguishing Active
Z1	Detection Zone 1	Activated		
Z2	Detection Zone 2		Activated	
Mode 1 & Mode 2 Outputs				
RL1	Siren	Interrupted Sound	Interrupted Sound	Continuous Sound
RL2	Extinguish Command		← T1 →	Active
RL3	Pre-Release		Active	T2 →
RL4	Pressure Damper		Active ← T3	T4 →
Mode 2 Only Outputs				
RL5	First Alarm	Active		
RL6	Gas Released			Active
RL7	Pressure Damper, INV	Active		← T3 T4 → (0= Inactive)
RL8	Verified Outflow			Active