



## FAST2000®/2

### 19" Fire Alarm and Extinguishing Control Panel

#### Features:

- 19" rack mounted panel
- Separate loop module for each extinguishing area
- Up to 198 addressable devices per loop, 128 acc. VdS
- Fully complies with EN54-2 and -4.
- Fully complies with EN12094-1 as extinguishing control device
- Optional remote full function repeaters
- 3 languages available at the same time, can be selected in the menu

#### FAST2000/2, the 19" Fire Alarm and Extinguishing Control Panel

The FAST2000/2 is a range of fire detection and extinguishing control panels for small, medium and large installations in industrial and commercial applications.

The FAST2000 is based on the latest Tyco PBS Technology and conforms to EN54-2/-4 standard for Fire Alarm Panels, EN12094-1 standard for extinguishing control systems and the VdS Guidelines.

Various modules with different tasks are available to adapt the panel to the requirements of the project. 19" front modules installed in one or more 19" frames are connected to termination boards on the mounting plate.

One separate microprocessor for each extinguishing area controls the complex procedures between the intelligent analogue fire detectors and the control outputs that trigger alarms and extinguishing actions. Another microprocessor handles the control of the display and the internal communication.

Because the FAST2000 can be programmed freely, it is also able to meet the most complex requirements.

The integrated networking capability allows networking with other panels of the FAST2000 or PBS range on RS422/485, 30mA or fibre optic cable.

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## SPECIFICATIONS

### General

Three sizes of the FAST2000 are available:

#### **FAST2010-2:**

Wall mounted cabinet for small applications up to 2 extinguishing areas (4 loops)

#### **FAST2020-2:**

Wall mounted cabinet for medium applications up to 4 extinguishing areas (8 loops)

#### **FAST2030-2:**

Free standing cabinet for large applications up to 127 extinguishing areas (254 loops)

### Part-Numbers

Control Module CM-32/2	K09900120
Display Module DM-32/2	K09900121
Repeater Panel SRP-32	K02459002

### Options

Network Motherboard for DIN Rail	
CM-32 CTCB1-DIN	K09900112
Network Termination board 30mA	
CM-32 CTCM1 . . .	K09900113
Network Termination board RS232	
CM-32 CTCM232 . . .	K09900114
Network Termination board RS422/485	
CM-32 CTCM422 . . .	K09900115
Network Termination board Fibre Optic	
CM-32 CTCMOPT1	K09900116
Loop Module	
LM-32E . . . . .	K09900194

### Technical Data (basic version):

Power Supply Unit	
Input . . . . .	105 - 250 VAC
. . . . .	47 - 63 Hz
Output . . . . .	27,2 V DC, 5.5 A max.
. . . . .	temperature compensated
. . . . .	(EN54-4)
Battery . . . . .	2 x 12V, 65Ah max.
Power consumption, depending on installed modules	
Alarm current . . . . .	> 400 mA
Battery only . . . . .	> 300 mA
Detection Loops per extinguishing area	
System Sensor Protocol	2
Series 200 and 500 Detectors,	
Call Points and Input/Output Devices	
Relay outputs . . . . .	4A / 230 VAC

### Outputs for each extinguishing area:

Alarm Outputs	
Quantity . . . . .	2
Continuous current	2A
Valve outputs	
Quantity . . . . .	2
Peak current . . . . .	1.8A
Load resistance . . . . .	> 15 Ohm < 600 Ohm
Size (H x W x D)	
FAST2010: . . . . .	478 x 600 x 400 (mm)
FAST2020: . . . . .	746 x 600 x 400 (mm)
FAST2030: . . . . .	2000 x 800 x 500 (mm)

For further information on how we can help you please visit our website at [www.tycofis.com](http://www.tycofis.com) or e-mail us on [tycofis@tycoint.com](mailto:tycofis@tycoint.com). The right is reserved to modify or withdraw any product or service without notice.

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