



Catalog

Slim edition 1 - 2026

Sistemi antincendio ad alta tecnologia Hi-tech fire alarm systems Systèmes de détection incendie haute technologie Sistemas de detección de incendio de alta tecnología Hi-Tech-Brandmeldesystem

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English

1 7
2 4 5 30 1 984 9
3 9 38 0 5 49 52 8 77530 6
14 0 377 6 3 58 46 3 79 5664269
25 2 9 4 7 9 7 8 4 5 2 8 4 6 5 6 4 2 6 9
3 8 3 0 6 7 8 5 7 8 7 4 5 6 7 1 4 5 5 6 5 7 6 4 3 4
59 6 3 8 9 2 5 9 6 5 9 5 7 6 7 4 9 7 5 7 5
3 9 6 0 1 3 2 3 0 5 6 5 0 9 7 9 7 8 8 9 6 1 8

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Tecnofire - ENG

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TECNOFIRE AUTOMATIC FIRE DETECTION SYSTEMS



The guarantee of a brand

Tecnoalarm plays a key role in the creation of the Tecnofire brand: research and development, investment capacity, as well as the quality and reliability of high-value-added technological solutions stemming from Tecnoalarm's decades of experience.

The strategic development of the Tecnofire brand involves operational autonomy, the search for innovative technological solutions, the constant expansion of the sales network - tools that in the long run will guarantee both high levels of growth and customer satisfaction.

Utilising the technological resources formed by Tecnoalarm guarantees Tecnofire's customers not only a high-quality product, but also first-rate technical, commercial and logistical support.

RSC® Technology

The huge market success of Tecnoalarm's RSC® technology confirms the strategy of applying the same technological model also within Tecnofire's area of expertise. Taking centre stage among the many technologies, products and services is the RSC® technology model due to its reliability, completeness and operational flexibility.

Including RSC® technology ensures significant added value within system management, as remote management implies a marked reduction in checking and maintenance times and costs.

RSC® technology not only ensures system management benefits for different operating modes, but also in terms of timeliness and cost-effectiveness of service.

EN 54



Security professionals

Designers and installers utilising Tecnofire technologies are professionals able to accurately analyse and thoroughly assess the potential fire risks.

Tecnofire provides its skilled team with all the documentation required to guarantee the upmost professionalism.

The website www.tecnofiredetection.com lets you benefit from the dedicated designer consultancy services. It contains regulatory frameworks, texts for quick drafting of specifications and metric calculations, technical drawings, data sheets, etc.

Tecnofire's Technical-Sales representatives are always on hand to provide consultancy services.



Certification

Tecnofire by Tecnoalarm designs and manufactures its products within an ISO 9001 certified quality management system.

Tests and trials carried out by accredited Italian and European certification bodies have enabled Tecnofire products to be certified in accordance with current EN 54 standards.



EN 54

Addressable fire detection control panel 1 Loop



Addressable fire detection control panel. Equipped with 1 detection loop.

The loop can manage: 199 detectors and 99 modules. 1 RS485 serial bus for expansion device connection, up to 5 devices chosen from: repeater panels and/or communication devices.

The control panel manages 150 fire detection or technical zones and 100 virtual detection zones.

Automated management: 50 alarm plans, 8 time ranges, 100 formulas and customisable or permanent four-year calendar.

Advanced management with logic based on the application of formulas that dynamically relate the operating status of the system devices.

The control panel is equipped with 3 specialist signal outputs and 2 openly programmable signal outputs.

Monitored system mode functions. User interface: 4.3" colour display, programming and management keypad, 16 signal LEDs, speech synthesis and multifunctional acoustic signal buzzer. USB port. Serial printer management.

System RSC® management: programming, remote management and control.

Modular 2.7A switching power supply unit. Battery capability: 2 x 12V-7.2Ah. Aluminum and steel casing.

Protection rating IP3x. Dimensions (L x H x D) 361 x 301 x 107mm.

Approved EN 54-2: 1997+ A1:2006 - EN 54-4: 1997+ A1:2002 + A2:2006.

Certificate 0051-CPR-0444.

System compatibility UNI EN 54-13:2020.

MODELS		RSC	EN 54-2 54-4	1 LOOP	VOICE SYNTHESIS	COLOR DISPLAY 4.3"	24V 2.7A POWER SUPPLY	STEEL ALUMINUM BOX
Name	Item no.							
TFA1-298	TF1TFA1298-UK							

Addressable fire detection control panel 2 Loops



Addressable fire detection control panel. With 2 detection loops.

Each detection loop can manage: 199 detectors and 99 modules. 2 RS485 serial buses for expansion device connection, up to 16 devices chosen from: repeater panels and/or communication devices.

The TFA2-596 control panel can be part of a network of Tecnofire units. The control panel manages 300 fire detection or technical zones and 100 virtual detection zones. Automated management: 100 alarm plans, 32 time ranges, 200 formulas, server cyclic testing and customisable or permanent four-year calendar.

Advanced management with logic based on the application of formulas that dynamically relate the operating status of the system devices.

The control panel is equipped with 4 specialist signal outputs and 6 openly programmable signal outputs.

TLC Section: IP communication port, 4 communication channels: Local Server, Remote Server, Tecnoserver, Call back, 8 event notification communicators, 2 IP address contacts for each communicator, 5 communication protocols, 15 transmissible event categories.

Monitored system mode functions User interface: 4.3" colour display, programming and management keypad, 16 signal LEDs, speech synthesis and multifunctional acoustic signal buzzer.

USB port. Serial printer management. System RSC® management: programming, remote management and control.

Modular 5A switching power supply unit. Battery capability: 2 x 12V-12Ah. Aluminum and steel casing.

Protection rating IP3x. Dimensions (L x H x D) 441 x 347 x 149mm.

Approved EN 54-2: 1997+ A1:2006 - EN 54-4: 1997+ A1:2002 + A2:2006.

Certificate 0051-CPR-0389.

System compatibility UNI EN 54-13:2020.

MODELS									
Name	Item no.								
TFA2-596	TF1TFA2596-UK								

Addressable fire detection control panel 4 Loops



Addressable fire detection control panel. With 4 detection loop lines.
Each detection loop can manage: 199 detectors and 99 modules. 2 RS485 serial buses for expansion device connection, up to 16 devices chosen from: repeater panels and/or communication devices.
The TFA4-1192 control panel can be part of a network of Tecnofire units.
The control panel manages 300 fire detection or technical zones and 100 virtual detection zones.
Automated management: 200 alarm plans, 32 time ranges, 400 formulas, server cyclic testing and customisable or permanent four-year calendar. Advanced management with logic determined by the application of formulas that dynamically relate the operating status of the system devices.
The control panel is equipped with 4 specialist signal outputs and 6 openly programmable signal outputs.
TLC Section: IP communication port, 4 communication channels: Local Server, Remote Server, Tecnoserver, Call back, 8 communicators for event notification, 2 IP address contacts for each communicator, 5 communication protocols, 15 transmittable event categories.
Monitored system mode functions. User interface: 4.3" colour display, programming and management keypad, 16 signal LEDs, speech synthesis and multifunctional acoustic signal buzzer. USB port. Serial printer management.
System RSC® management: programming, remote management and control.
Modular 5A switching power supply unit. Battery capability: 2 x 12V-12Ah.
Aluminum and steel casing. Protection rating IP3x. Dimensions (L x H x D) 441 x 347 x 149mm.
Approved EN 54-2: 1997+ A1:2006 - EN 54-4: 1997+ A1:2002 + A2:2006.
Certification 0051-CPR-0388.
System compatibility UNI EN 54-13:2020.

MODELS									
Name	Item no.								
TFA4-1192	TF1TFA41192-UK								

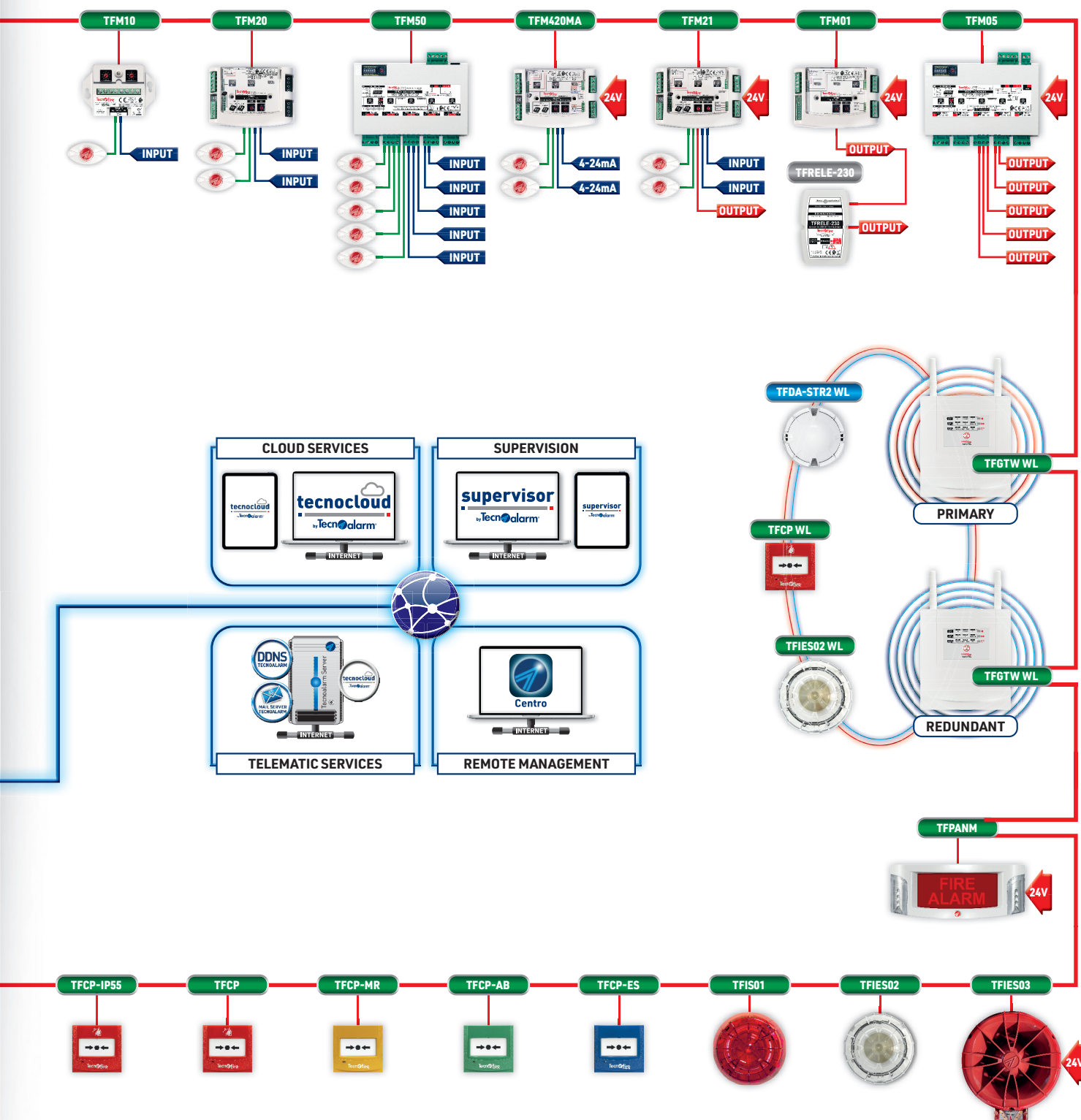
System configuration

Tecnofire
DETECTION

IMQ
EN 54-13
CERTIFIED

Compatibility
and connectivity
of system
components

Technologies	
Advanced Management Services	 
Services	  



Addressable fire detection and extinguishing control panel 1 Loop



Addressable fire detection and extinguishing control panel. The characteristics listed refer to the TSA1 EXTENDED set-up. Equipped with a detection loop and an Extinguish Device Unit (EDU).

The detection loop can handle up to 199 detectors, 99 modules and 9 TSM1 modules (peripheral EDU extinguishing channels). 2 RS485 serial buses for expansion device connection, up to 5 devices chosen from: repeater panels and/or communication devices. Serial buses also allow you to connect the unit in a network of Tecnofire control panels.

The control panel manages 150 detection zones associated with 100 alarm plans, 8 time ranges. Advanced management with logic based on the application of formulas that dynamically relate the operating status of the system devices.

100 formulas. 100 Virtual detection zones. The control panel is equipped with 3 specialist signal outputs and 2 openly programmable signal outputs. The integrated EDU is equipped with: 3 conventional detection zone inputs, 7 controlled inputs for the management of the actuating and control devices, 2 controlled outputs for the management of the extinguishing valves, 2 controlled outputs for the management of the optical-acoustic alarm devices, 5 specialist signal outputs.

Automatic or manual operating mode. Extinguishing cycle with 5 execution modes. Centralised or local management of 10 independent EDU, with local or centralised extinguishing cycle control, also in switching execution mode.

User interface: 4.3" colour display, soft touch programming and management keyboard, 33 signal LEDs.

Multifunctional acoustic warning buzzer. System RSC® management: programming, remote management and control.

Customisable or permanent four-year calendar management. Event memory managed in FIFO logic capacity 8192 events. Modular 2.7A switching power supply unit. Battery capability: 2 x 12V-7Ah.

ABS and steel casing. Surface mounting or via optional adapters in 19" rack casing. Protection rating IP3x.

Available in the following colours: White, Grey, Red, Yellow. Dimensions (L x H x D) 440 x 345 x 146mm.

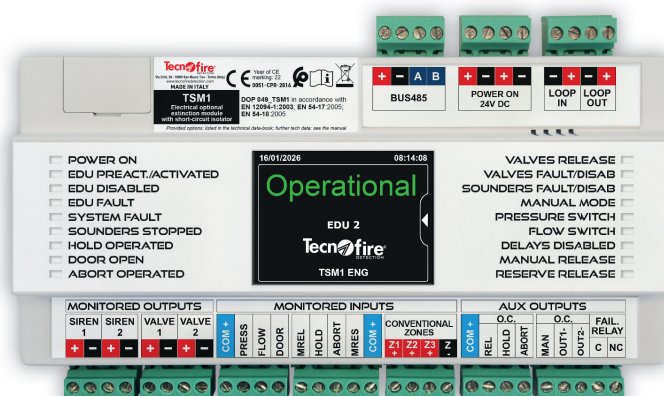
Approved EN 54-2: 1997+ A1:2006 - EN 54-4: 1997+ A1:2002 + A2:2006 - EN 12094-1: 2003.

Certification 0051-CPR-2816.

System compatibility UNI EN 54-13:2020.

MODELS			RSC	EN 54-2 54-4	EN 12094-1	1 LOOP	EDU EXTINGUISHING DEVICE UNIT	3 CONVENTIONAL ZONES Z1 Z2 Z3 32 32 32	COLOR DISPLAY 4.3"	24V 2.7A POWER SUPPLY	STEEL ABS BOX
Name	Item no.	Colour									
TSA1	TF1TSA1-UK	White									
	TF1TSA1Y-UK	Yellow									
	TF1TSA1R-UK	Red									
	TF1TSA1G-UK	Grey									

Addressable fire detection and extinguishing module for TSA1



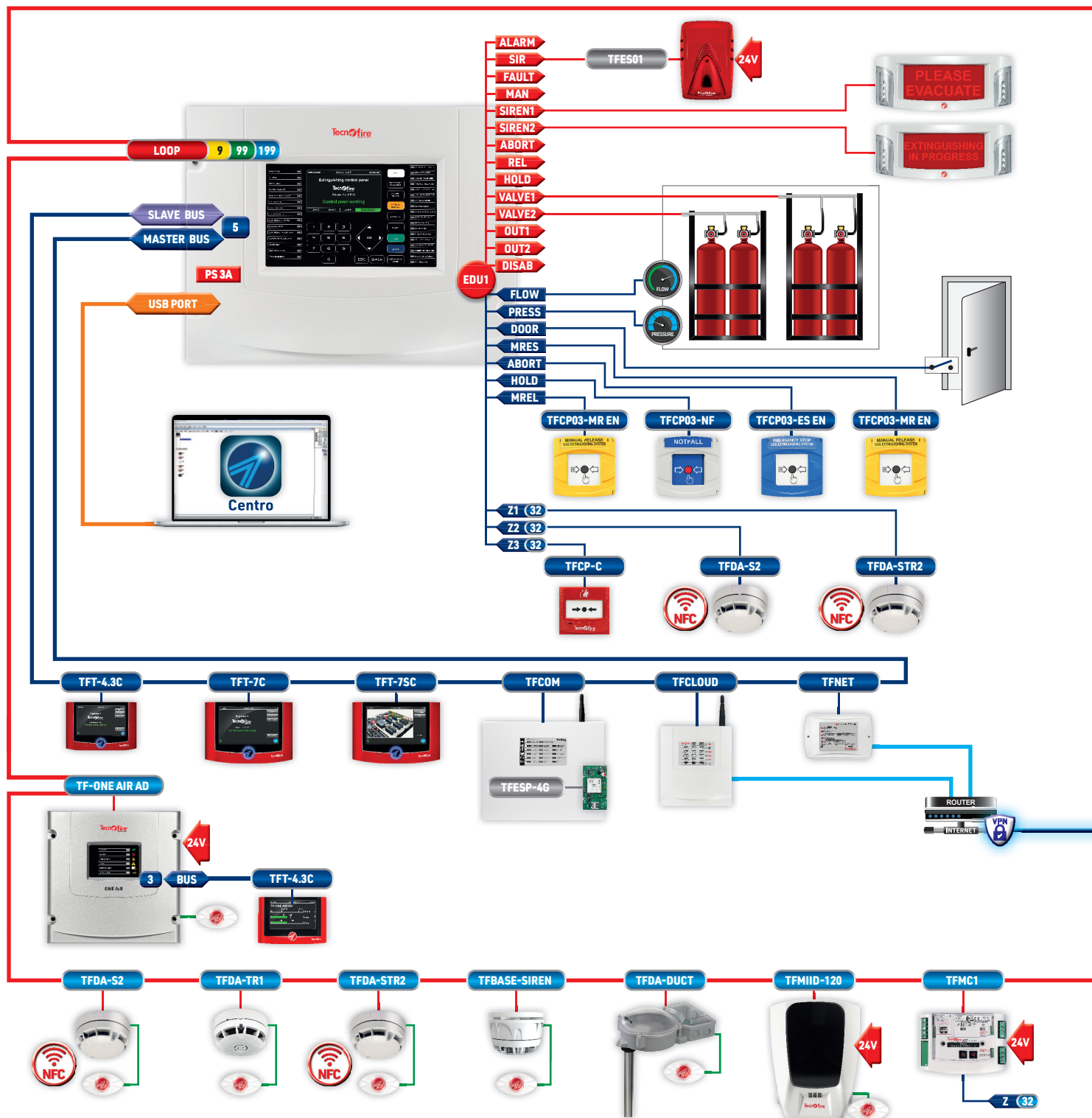
Addressable fire detection and extinguishing module. Complete management of a decentralised extinguishing channel. Operating mode: autonomous or following the extinguishing logic given by the TSA1 control panel. The integrated EDU is equipped with: 3 conventional detection zone inputs, 7 controlled inputs for the management of the actuating and control devices, 2 controlled outputs for the management of the extinguishing valves, 2 controlled outputs for the management of the optical-acoustic alarm devices, 5 specialist signal outputs, 2 openly programmable signal outputs. Automatic or manual operating mode. Extinguishing cycle with 4 execution modes. RS485 serial bus for connecting TFT-4.3C repeater panels. Connection on detection loop, double line isolator. Power from external source, rated voltage 24V DC. User interface: 2.4" capacitive colour touch screen display, 18 signal LEDs. Multifunctional acoustic warning buzzer. Detection logic of the three conventional zones determined by the associated detection formula. The three conventional zones can be replaced with other analogue detection zones operated by the TSA1 unit. RSC® management of the device: programming, remote management and control of all operating parameters. Surface mounting or direct coupling to DIN omega bar. ABS casing. Protection rating IP3x. White colour. Dimensions (L x H x D) 189 x 117 x 61mm.

Module conforming to EN 54-18:2005/AC:2007 - EN 54-17:2005 - EN 12094-1: 2003.
Certification 0051-CPR-2816.
System compatibility UNI EN 54-13:2020.

MODELS									
Name	Item no.								
TSM1	TF4TSM1-UK								



Basic equipment	1 LOOP	4 RADIO SLOT	EDU EXTINGUISHING DEVICE UNIT	3 CONVENTIONAL ZONES Z1 Z2 Z3 32 32 32	150 ZONES	100 VIRTUAL ZONES
Manageable devices	5 EXPANSION DEVICE	199 DETECTORS	99 MODULES	9 EDU		
Automated managements	100 FORMULAS AND NOT OR I	50 ALARM PLANS	8 ACCESS PERIODS (00:00 23:59 FROM TO)	CALENDAR YEARS 4Y/∞		

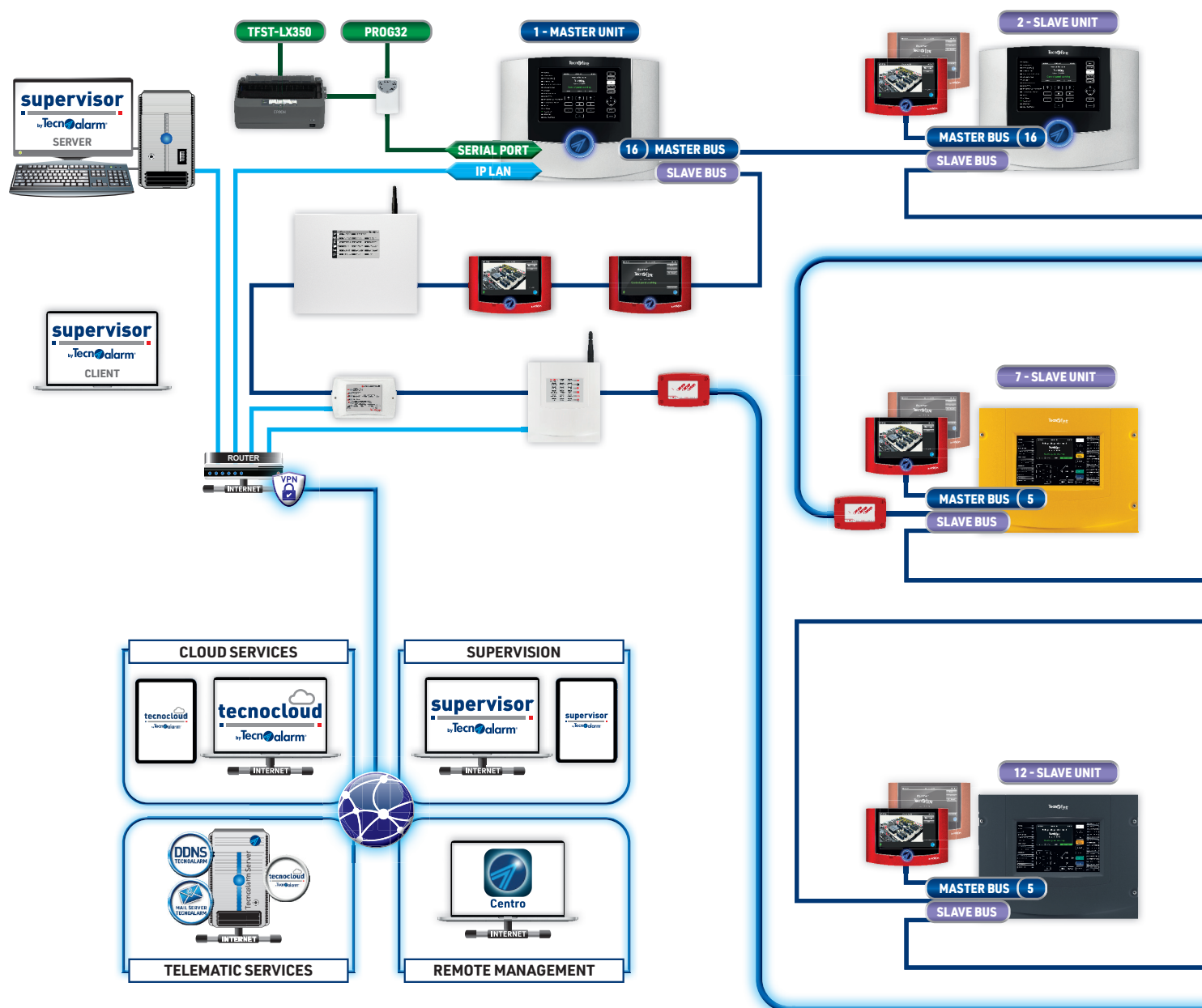


Compatibility and connectivity of system components

TSA1 - System configuration

	TFA2-596	TFA4-1192	TSA1 BASE	TSA1 LIMITED	TSA1 EXTENDED
Role in the System	Master / Slave	Master / Slave	Slave	Slave	Slave
Expansion devices	16	16	5	5	5
Detection loops	2	4	1	1	1
Radio slots	8	16	4	4	4
Integrated EDU	-	-	1	1	1
Managed detectors	398 (199 x 2)	796 (199 x 4)*	32	64	199
Managed modules	198 (99 x 2)	396 (99 x 4)	16	32	99
Managed EDU modules	-	-	-	5	9
Managed zones	300	300	5	50	150

* The EN 54-2 standard allows to connect 512 detectors and/or manual call points to one single fire alarm panel.
Therefore, the maximum number of detectors managed by a Tecnofire network is 8,192 (512 devices multiplied by 16 fire alarm panels).



Network configuration

TFA2-596 - TFA4-1192 - TSA1

The Tecnofire System can be composed of several control panels, up to a maximum of 16 units, connected to each other in the network via RS485 Fire-Bus.

The infrastructure of the control panel network can be built with copper or fibre optic cables.

The network hierarchy includes a Master unit (main) and up to 15 Slave units.

The Master control panel has complete control of the Slave control panels, all the information and reports generated by the Slave control panels are conveyed to the Master control panel.

The role of the Master unit can only be assumed by the detection units: TFA2-596 or TFA4-1192.

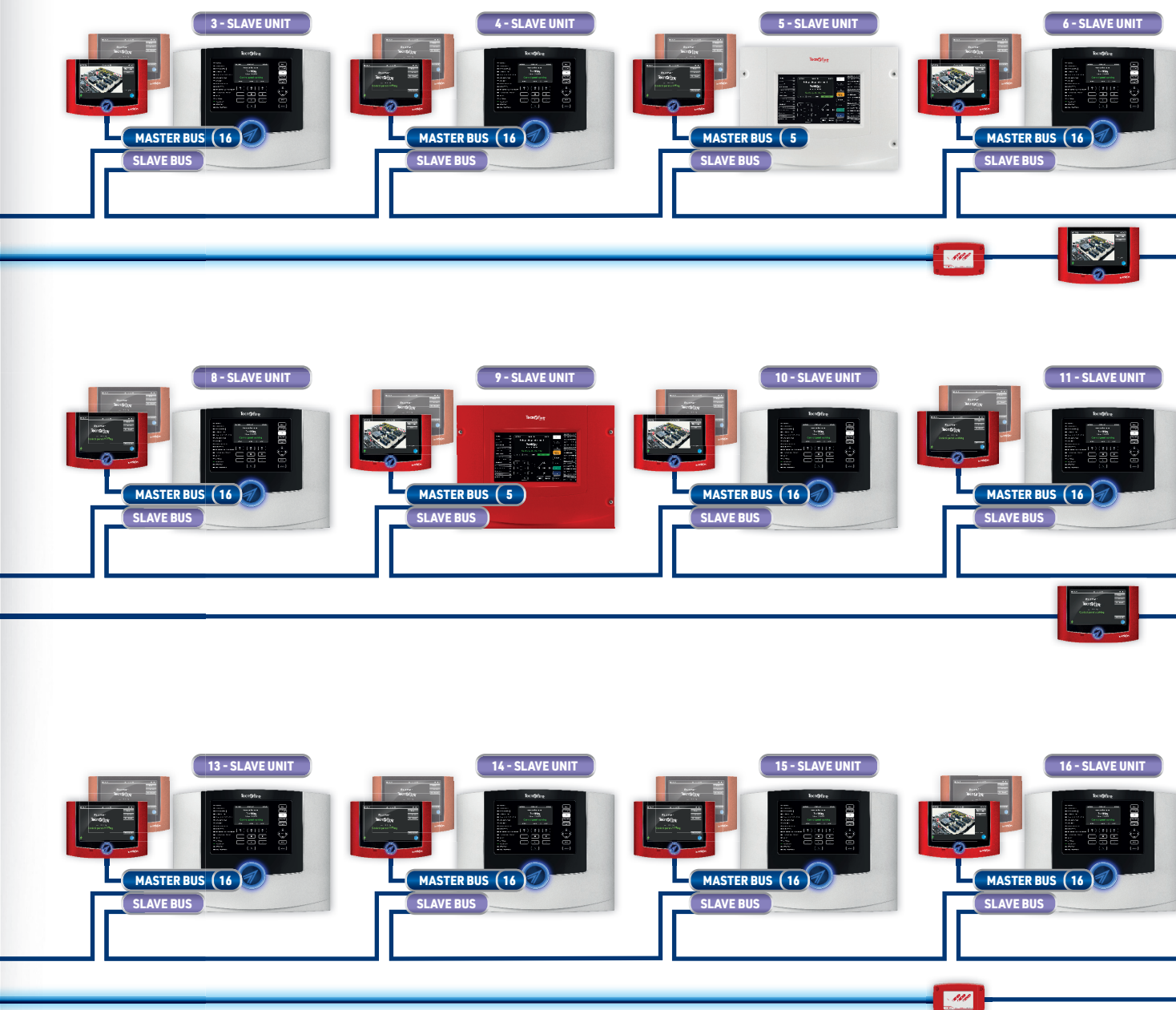
The role of a Slave control panel can be taken by the following control panels:

TFA2-596, TFA4-1192 and the TSA1 detection and extinguishing unit.

The operation of the Control panels in network mode complies with the current EN 54-13 standard.

Standard restriction: EN 54-2 chapter 13.6 provides that, in the event of a fault, no more than 512 fire detection points and/or manual signaling points and their mandatory functions are affected.

Consequently, to maintain compliance with EN 54-2, it is not possible to mount more than 512 detection devices and/or manual signaling points on each unit. Therefore, the maximum number of detection points that can be managed by a network of Tecnofire units is 8,192 points (512 points maximum for each of the 16 units).



Expansion devices

Management devices

TFT-4.3C



Management and control repeater panel, equipped with a multifunctional user interface consisting of: 4.3" TFT capacitive touch screen display, speech synthesis with customisable vocabulary, multifunctional acoustic signal device. The panel automatically recognises the device to which it is connected and consequently adapts its functions to the particular operating context. The panel connected to the bus of the TSA1 and TFA1-298 control panels acts as control panel repeater. The panel connected to the bus of the TSM1 extinguishing module and the TF-ONE AIR detector, acts as a management panel, taking complete control of the device functions. The panel displays the commands that manage the operation of the module and, in the event of activation, makes the sequence of the extinguishing cycle visible, dynamically notifying the countdown of the delays that control the different phases. Supported System Commands: Silencing and Control panel Restoring/Associated Module, Silencing and Siren Restoring, Evacuation, Extinguishing Events, Monitored Mode, Exclusion and Inclusion of devices. Built-in flash memory for vocabulary customisation, manageable from a personal computer as an external disk. RS485 bus connection. Surface or flush box 503 mounting. Refined ultra-thin design. Red cover. **Certification integrated in TSA1 series control panels and TSM1 extinguishing module.**

Item no. TF2TFT43C

TFT-7C



Management and control repeater panel, equipped with a multifunctional user interface consisting of: 7" TFT capacitive touch screen display, speech synthesis with customisable multilingual vocabulary, multifunctional acoustic alarm device, contextual, voice and graphic Help function, callable by the user. Multilingual management: the repeater panel provides voice and text information in two languages. Supported System Commands: Silencing and Control panel Restoring, Silencing and Siren Restoring, Evacuation, Monitored Mode, Exclusion and Inclusion of devices. Built-in flash memory for customising the graphical and vocabulary interface, manageable from a personal computer as an external disk, via USB interface. RS485 bus connection. Surface or flush mounting. Refined ultra-thin design. Red cover. **Certification integrated in TFA series control panels.**

Item no. TF2TFT7C

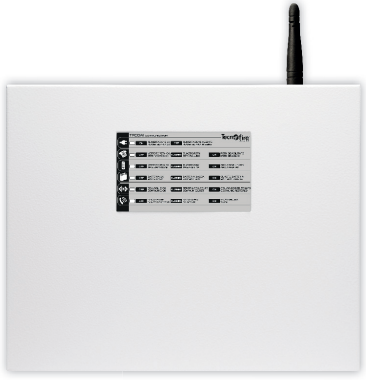
TFT-7SC

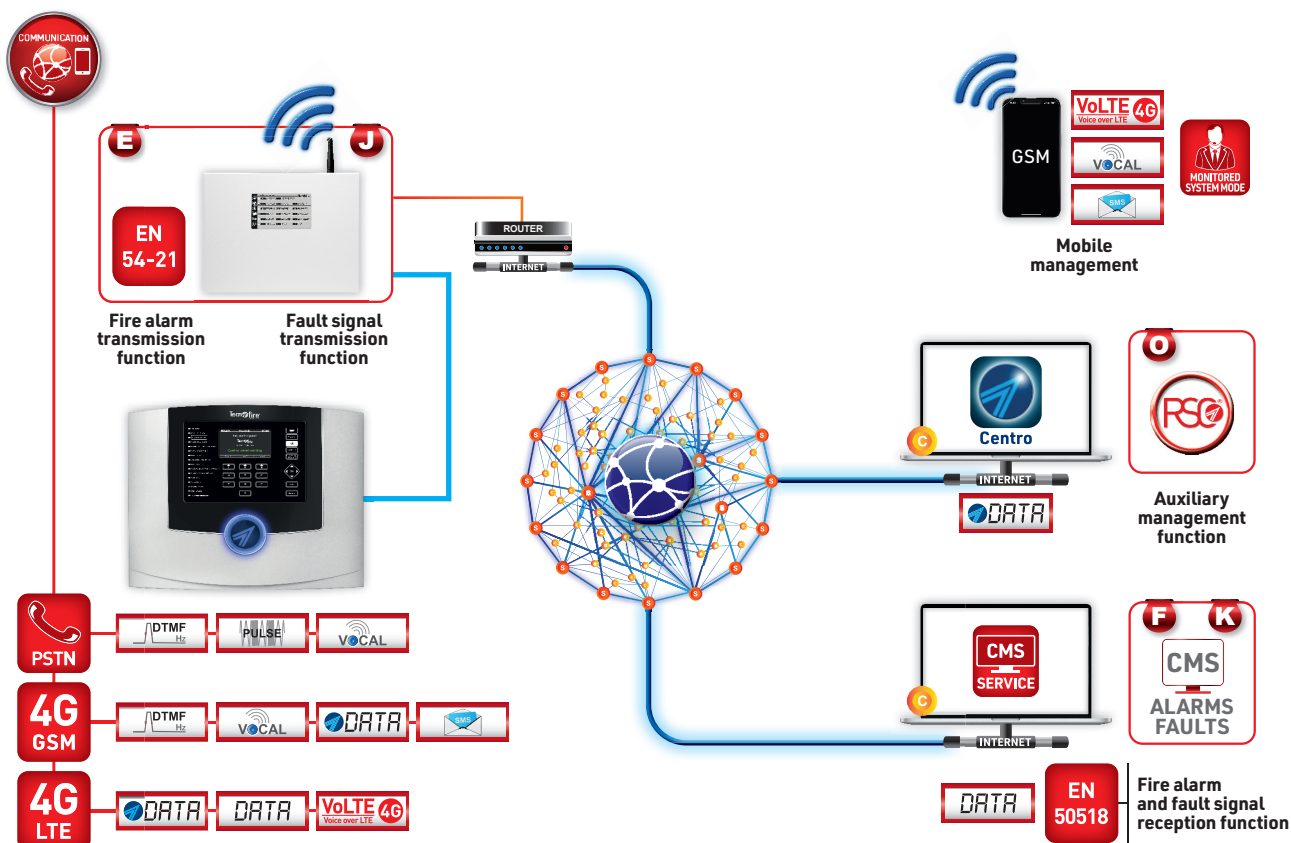


Control and management synoptic repeater panel, with the same features and functionality as the TFT-7C panel, with the implementation of interactive synoptic management of 32 custom graphics maps. Supported System Commands: Silencing and Control panel Restoring, Silencing and Siren Restoring, Evacuation, Monitored Mode, Exclusion and Inclusion of devices. Graphics maps can be displayed in manual or automatic mode. Up to 32 graphic icons can be placed on each map. Each icon can be associated with a system device or a navigation button. In the event of an alarm, the system automatically displays the map that identifies the location of the device being signalled. Alternatively, the panel can be configured as a repeater of a zone, of an area, or of freely chosen points between the devices, areas and lines that make up the system. For the zones and devices associated with the repeater, you can choose according to the type of control panel, how many and which signals to display. The signals can be chosen from: fire prealarm, fire alarm, technical prealarm, technical alarm, fault, test area, test points, display extinguishing events. The zone or department repeater panel mode, for example, allows the filter zones in hospitals to be created as required. RSC® management of the device: programming, remote management and control of all operating parameters. RS485 bus connection. Surface or flush mounting. Refined ultra-thin design. Red cover. **Certification integrated in TFA series control panels.**

Item no. TF2TFT7SC

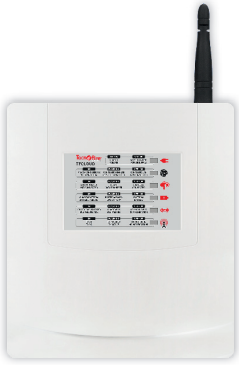
Telecommunication devices

TFCOM	        
	Telecommunication device, integrated PSTN vector. Optional GSM and LTE telephone vectors available with the TFESP-4G expansion module. 8 communicators/channels for event notification, 1 specialised call back communicator/channel for connection to the monitoring centre. 33 transmissible event categories. 5 transmissible zone event types. 2 telephone numbers or IP addresses for each communicator. 29 communication protocols. Transmission formats: Voice, SMS, Ring, DTMF, Data. Security: encrypted communications, AES 128-bit and AES 256-bit supported encryptions, independent passphrase programming for each communicator. Self-diagnosis functions: communication vectors, power supply, battery, serial call. Front panel with 6 LEDs for signaling the operating statuses. Fault output. RSC® management of the device: programming, remote management and control of all operating parameters. On-board flash memory for vocabulary customisation. USB interface. RS485 bus connection. Addressable device. Metal casing. Protection rating IP3x. Battery capability: 1 x 12V-7Ah. Dimensions (L x H x D) 315 x 255 x 82mm. Grey colour. EN 54-21:2006. Certification: 0051-CPR-0454. Item no. TF2TFCOM
TFESP-4G	     
	Expansion module for TFCOM telephone communicator. It integrates GSM and LTE telecommunication vectors (4G standard). 16 communication protocols, plus 5 backup protocols for the PSTN vector. Transmission formats: Voice, SMS, Ring, DTMF, Data. Security: encrypted communications, supported 128-bit and 256-bit AES encryption, independent passphrase programming for each communicator. The module manages the VoLTE service (high resolution voice calls). Plug-in mounting on TFCOM board. EN 54-21:2006. Certification: 0051-CPR-0454. Item no. TF2TFESP4G



TELECOMMUNICATION INTERFACE

The TFCLLOUD telecommunication interface connects Tecnofire Automatic Fire Detection Systems to services residing on Tecnofire Cloud servers. The device, equipped with IP and LTE telecommunication vectors, coordinates, via the Tecnofire PWA app, the command, control and management activities from remote locations (personal computers, tablets and smartphones) of installers, maintenance engineers and end users. The synergy of the TFCLLOUD module, the Tecnofire PWA app and the Tecnocloud services, forms an integrated management system that offers the best solutions for Tecnofire systems.

NEW	       
	Telecommunications interface reserved for carrying out all control, monitoring and maintenance management activities, of Tecnofire automatic fire detection systems. All activities performed by the TFCLLOUD interface are managed with the Tecnofire Progressive Web App. The device integrates IP and 4G LTE telecommunications vectors. The two vectors can operate alternatively or in backup mode. Cloud-Fire proprietary TCP/IP communication protocol. Security: encrypted communications, TLS supported encryption. Jamming protection. Self-diagnosis functions of: functional status of communication vectors, power supply, battery and serial dialogue of the module with the managed system. Front panel with 6 signalling LEDs providing a synoptic overview of device operating status. Specialised fault signalling output. RSC® management of the device: programming, remote management and control of all operating parameters. Self-powered device equipped with backup batteries. RS485 bus connection. Protection rating IP3x. ABS casing. White colour. Dimensions (L x H x D) 182 x 207 x 52.5mm. Antenna height 80mm. Standard reference EN 54-1. Item no. TF2TFCLLOUD

TECNOFIRE PWA

The Tecnofire Progressive Web App allows remote access to Tecnofire Detection Systems with any device that has a web browser. The Tecnofire PWA is compatible with all Tecnofire systems equipped with the TFCLLOUD telecommunications interface. The new cloud services available with the "Tecnofire" app simplify and speed up the management of the systems. Access to the app and its functions is regulated by the account administrator, who is responsible for assigning or revoking roles and permissions for the operators in his company.

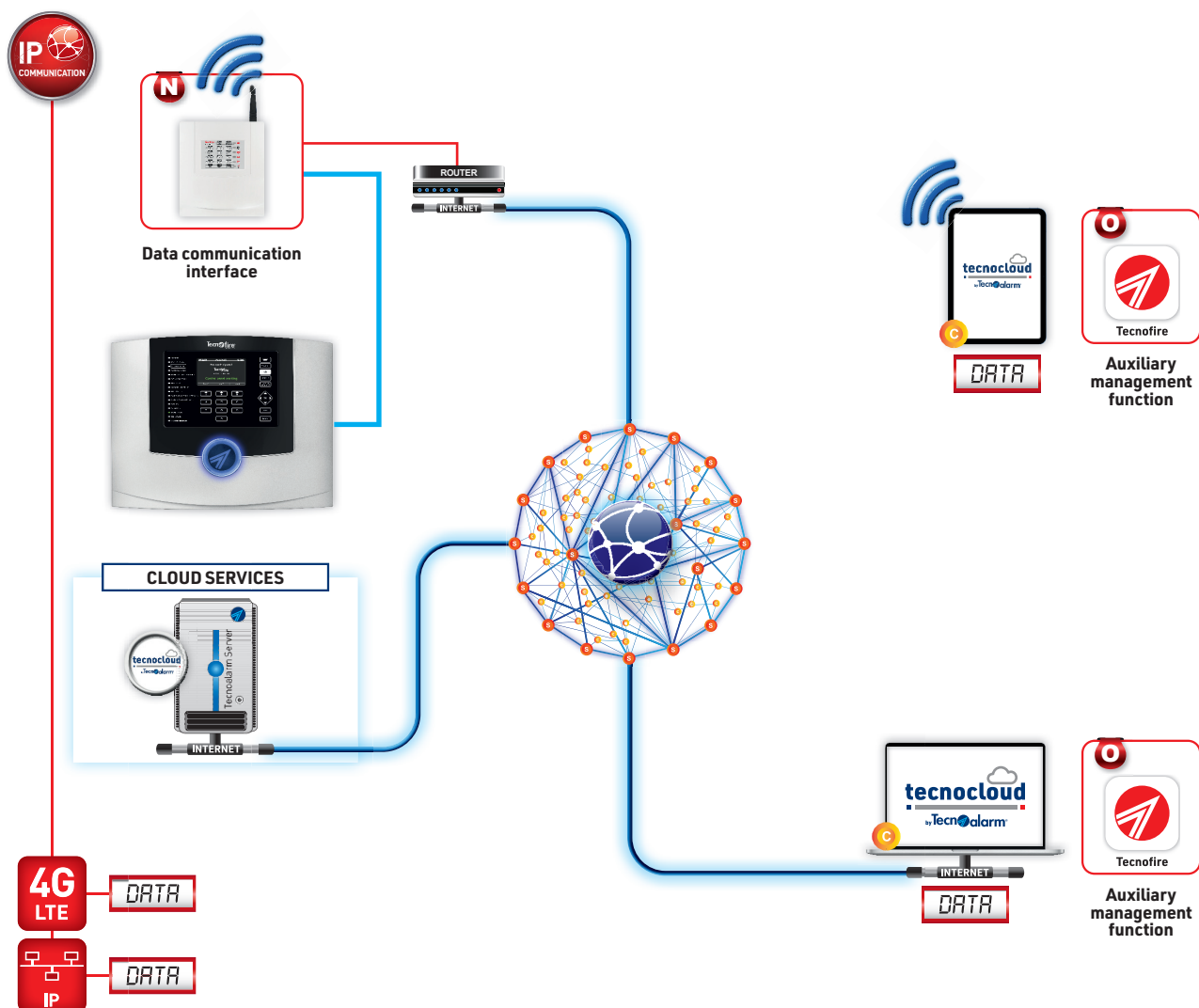
The administrator can assign tasks to operators directly from the App. The prior definition of roles and usage configurations for the services offered by the Tecnofire platform creates different usage profiles for the various professionals who work on the systems. Installers and maintenance personnel can access the functions of the App according to their specific needs and skills. Even end users who have been delegated the operational management of the System will appreciate the simplicity and speed of interaction with the System's operating functions. Maintenance personnel can make use of the 'Maintenance Plan' function developed in compliance with the regulations, which is dedicated to the automatic calculation of the schedule that regulates activities and interventions during the execution of scheduled periodic tests.

A function that simplifies and drastically reduces the time dedicated to planning and organising maintenance operations. Scheduled test sessions are carried out with the assistance of the execution indications provided by the App, which at the end collects all the information and automatically draws up the relative report. The availability of refined proprietary diagnostic tools based on RSC® technology offers installers and maintenance personnel the possibility of accessing and monitoring the operating parameters of each individual device that makes up the installation without the need to travel to the site where the System is installed. During the session, operators can consult and verify in real time the operating events of the System, broken down by category.



QRCode to access PWA Tecnofire.
<https://cloud.tecnofireddetection.com/app>

TFCLLOUD COMPATIBILITY	TFA1-298	TFA2-596	TFA4-1192	TSA1
	✓	✓	✓	✓



Tecnofire PWA

cloud.tecnofire.com

Tecnofire Show Room Connected
Strada del Cascinotto, 139 Torino TO, Italy

Commands

Reset Evacuate Stop / Start Sounders ACK

List of events

Last update on: 29 May 2025 15:19:03
To access all system logs, you have to tap "View"

View

Personal data sheet

Description	Model	Serial Number
Tecnofire Show Room	TFA4	1003

Address: Strada del Cascinotto, 139, Torino, TO, Italia

Security Manager: —

Telephone: —

Installation type: Industriale

Delivery date: Mar 12, 2025

Maintenance date: Mar 12, 2024

Devices

To view all devices, press Browse

Browse

Maintenance plan

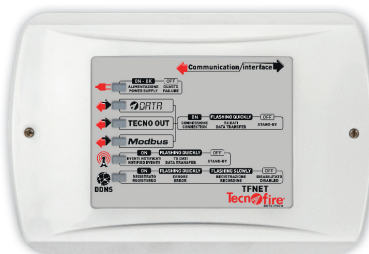
Maintenance plan ACTIVE since: 2024
Maintenance plan: Minimum required tests + Replacements within 6 years

View

Cloud connections overview

Connected

100%

EN
54-1

IP vector telecommunication device. 8 communicators/channels dedicated to event telematic activities and 6 TCP/IP telecommunication channels dedicated to remote control and management activities.

Integrated option for the Tecnoalarm Supervisor remote management environment.

Event notification: 33 categories of General Association, 5 categories of Specific Association to System zones.

Functional associations: 2 IP addresses for each communicator. 11 Communication protocols.

Transmission formats: Data, and Email.

Security: encrypted communications, AES 128-bit and AES 256-bit supported encryptions, independent passphrase programming for each communicator.

Automatic diagnostic functions: communication vector, power supply, serial call.

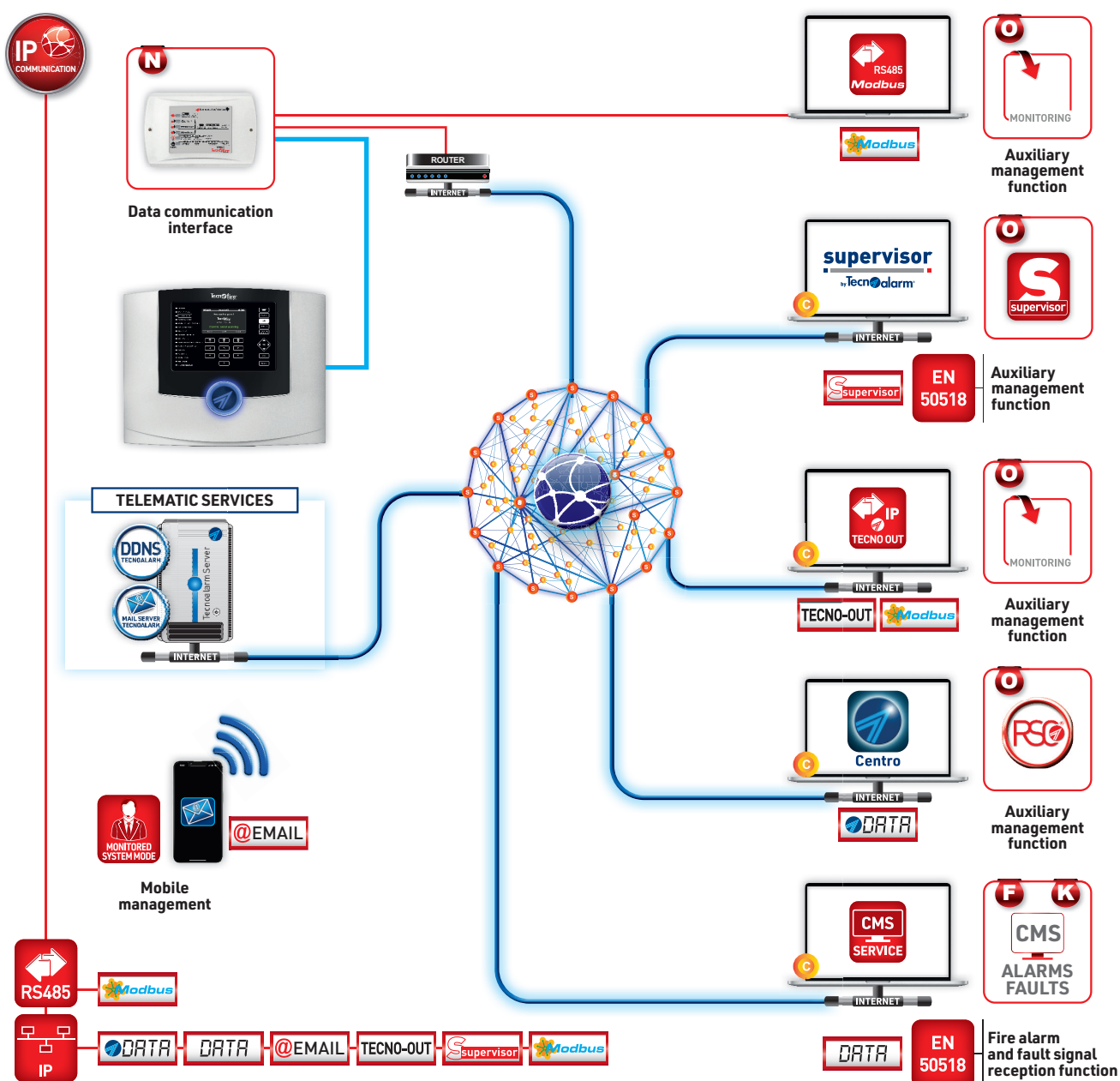
Front panel with 6 LEDs signaling operating statuses.

RSC® management of the device: programming, remote management and control of all operating parameters. RS485 bus connection. Protection rating IP3x. ABS casing. White colour.

Dimensions (L x H x D) 165 x 110 x 41mm.

Standard reference EN 54-1

Item no. TF2TFNET



Addressable and conventional detectors

The Tecnofire addressable detector range consists of point smoke and heat detectors, linear optical smoke detectors and aspirating smoke detectors.

DETECTORS	TFDA-STR2 Combined	TFDA-S2 Optical	TFDA-TR1 Rate-of-rise	TFMIID-120 Linear optical	TF-ONE AIR AD Aspirating smoke
Sensitivity levels	Normal - Low - High	Normal - Low - High	-	Prealarm threshold Alarm threshold	Prealarm threshold Alarm threshold
Detection class	-	-	-	-	A - B - C
Thermal class	A1-58°	-	A1-58° A2-68° / B-78°	-	-
Suffix	R	-	R o S	-	-
Prealarm management	Si	-	-	Si	Si
Accessories managed with the formula	TFBASE-SIREN TFRIP-SMART	TFBASE-SIREN TFRIP-SMART	TFBASE-SIREN TFRIP-SMART	TFRIP-SMART	TFRIP-SMART
Functions managed by the formula	-	-	-	Double the thresholds or disable the Prealarm	Switching off engines or disable the Prealarm
Formula criteria	1	1	1	3	3
Configurable detector	Addressable or conventional	Addressable or conventional	-	-	-

Optical smoke detectors

NEW	TFDA-S2	      
		Configurable optical smoke detector, can be used with analogue addressed or conventional control panels. Optical smoke detection technology Tyndall effect. The detector integrates an NFC transceiver with which, by means of a smartphone and Tecnofire ID App, it is possible to configure the device and view: identification data, the alarm counter, the graph of the last alarm detected and the data required to manage the detector review service. Maximum analysis precision of smoke captured. Control and dynamic compensation of optical chamber sensitivity, automatic management of maintenance threshold. Programmable functions: 3 sensitivity levels, formula association and management criteria for TFBASE-SIREN or TFRIP-SMART. Detector functional states can be used as operands in conditioning formulas controlled by the control panel. RSC® management: programming, remote management and control. Double line isolator. Universal base mounting TFBASE01. Protection rating IP22. ABS casing. Available colours white or black. Dimensions with mounting base (D x H) 100 x 52mm. EN 54-7:2018 - EN 54-17:2005. Certification: 0051-CPR-3134.
		Item no. TF3TFDAS2BK (black)
		Item no. TF3TFDAS2 (white)

Rate-of-rise detector

TFDA-TR1	     
	Addressable rate-of-rise detector. Maximum precision in determining the ambient temperature. Programmable functions: thermal Category: A1-58° / A2-68° / B-78°, rate-of-rise suffix: R or S, formula and management criteria association for TFBASE-SIREN or TFRIP-SMART. The operating statuses of the detector can be used as operands in the formulas managed by the control panels. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Mounting with universal base TFBASE01. Protection rating IP22. ABS casing. White colour. Dimensions with base (D x H) 100 x 52mm. Approved EN 54-5:2017 + A1:2018 - EN 54-17:2005. Certification: 1293-CPR-0526 rv.1
	Item no. TF3TFDATR1

Combined optical smoke and heat detector

NEW	TFDA-STR2									
		Configurable combined detector, can be used with analogue addressed or conventional control panels. The detector consists of two separate and independent detection sections, an optical smoke detector and a Category A1-58°, Suffix R thermal detector. The detector integrates an NFC transceiver with which, by means of a smartphone and the Tecnofire ID App, it is possible to configure the device and view: identification data, the alarm counter, the graph of the last alarm detected (optical detector only) and the data required to manage the detector review service. Maximum precision in temperature detection and analysis of smoke captured by the optical chamber. Control and dynamic compensation of optical chamber sensitivity, automatic maintenance threshold management. Programmable functions: 3 sensitivity levels, excludable prealarm signalling, excludable optical detection section, formula association and management criterion for TFBASE-SIREN or TFRIP-SMART. The functional states of the detector can be used as operands in the formulas managed by the control panel. RSC® management: programming, remote management and control. Double line isolator. Universal base mounting TFBASE01. Protection rating IP22. ABS casing. Available colours white or black. Dimensions with mounting base (D x H) 100 x 52mm. EN 54-7:2018 - EN 54-5:2017 + A1:2018 - EN 54. Certification: 0051-CPR-3								
		Item no. TF3TFDASTR2 (white)								
		Item no. TF3TFDASTR2BK (black)								

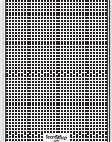
Mounting bases

NEW	TFBASE-SIREN					
	Detector mounting base with integrated acoustic signalling device. The base can be used to host Tecnofire addressable detectors. Base and detector share the same programming menu, but have no operational interdependence. The activation of the acoustic signal is subject to the result of the management formula associated with the detector. The silencing of the acoustic signal depends on the operating criterion used. Programmable functions: 8 sound modes, volume adjustment 2 levels, 3 operating criteria. RSC® management: programming, remote management and control. Protection rating IP22. Polycarbonate V0 casing. White colour. Dimensions (D x H) 108 x 52mm. Approved EN 54-3:2001 + A1:2002 + A2:2006. Certification: 1293-CPR-0906.					
	Item no. TF6TFBASESIREN (white)					
	Item no. TF6TFBASESIRBK (black)					
	TFBASE01	Mounting base for detectors and sirens TFIS01, TFIES02. ABS material. White colour. Dimensions (D x H) 100 x 19mm.				
		Item no. TF6TFBASE01N (white)				
		Item no. TF6TFBASE01BKN (black)				
	TFBOX-SB	Junction box for mounting base TFBASE01. Circular shape with 2 flat walls, pre-marked plugs for mounting 2 PG9 pipe sockets in opposing or side-by-side arrangement. Profile with condensation protection. Degree of protection of TFBOX-SB IP44. Casing in ABS. Colour white. Dimensions (D x H) 121 x 36mm.				
		Item no. TF5TFBOXSB				

Linear optical detectors

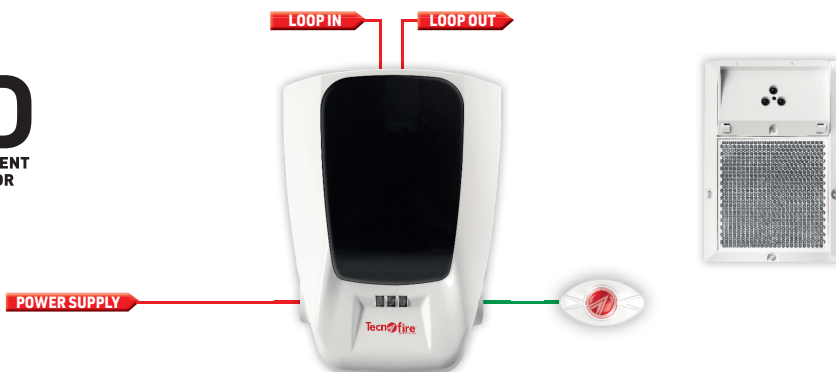
TFMIID-120	       
	Addressable smoke detection system, linear optical reflection type. Optical attenuation detection technology of the reflected infrared beam. The TFMIID-120 detector is equipped with an OAS (Optical Alignment System) automatic servo-assisted alignment system, covered by an international patent. System composed of two devices, the detection and control panel and the reflection and telemetry unit. Optical range 8...50m, extendable to 120m with optional additional reflector TFMIID120-LRK. Automatic compensation for optical deterioration due to dust deposits. Excellent tolerance to vibration disturbances. High false alarm immunity. Programmable functions: prealarm and alarm signal thresholds, alarm and fault signal delays. Advanced management with adaptive detection logic, day/night mode, determined by formulas, which dynamically relate the operating statuses of the system devices. Fully automatic alignment managed remotely, by the control panel menu, without acting on the control and reflection units. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Power supply: 24V DC detection unit from external source, Lithium battery telemetry device power supply. Protection rating IP3x. Operating temperature -10°C...+55°C. PC-ABS casing. White colour. Dimensions (L x H x D): detection unit 198 x 262 x 98mm, reflection unit 124 x 284 x 55. Approved EN 54-12:2015 - EN 54-17:2005. Certification: 1293-CPR-0816. Item no. TF9TFMIID120

TFMIID - Accessories

	TFMIID120-LRK Range extender kit consisting of an additional reflection panel. The kit allows you to extend the optical range of the TFMIID-120 barrier from 50 to 120m. Item no. TF9TFMIID120LRK		TFMIID-TEST Graduated filter for the blackout test of the TFMIID-120 linear optical detector. Item no. TF9TFMIIDTEST
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TFMIID-120 detector - Application diagram

MiiD
MOTORIZED INTELLIGENT
INFRARED DETECTOR



Addressable aspirating smoke detectors with laser technology

ASPIRATING SMOKE DETECTOR TF-ONE AIR AD		
TF-ONE AIR AD05 Normal sensitivity 0,5%...1% obs/m	TF-ONE AIR AD01 increased sensitivity 0,1%...1% obs/m	TF-ONE AIR AD005 High sensitivity 0,005%...1% obs/m

NEW TF-ONE AIR AD05	        
	Addressable aspirating smoke detector. Laser detection optics, Part-Flow sampling technique. Programmable sensitivity from 0.5%...1% obs/m. Class C (normal sensitivity). Coverage of an area up to 1600m². Aspirating network with Ø25mm ABS piping with maximum length of 400m. Air temperature -20°C...+60°C. Aspirating network designed using TecnoASD software. Depending on the application, the software sizes and verifies the flow data of the network, defines the detector programming and draws up the project compliance declaration. The detector is equipped with automatic fault controls for: power supply, air flow and internal filter contamination. Serial bus for connecting optional TFT-4.3C repeater panels, which can be used to monitor detector operation. Programmable functions: Prealarm and Alarm signalling thresholds, alarm signalling delay and motor speed. Signalling interface consisting of 6 LEDs. Advanced management with adaptive detection logic, day/night mode, determined by formulas that dynamically relate the functional states of the system devices. RSC® management: programming, remote management and control. Loop connection. Double line isolator. Power supply from external 24V DC source. IP3x protection rating. Operating temperature -5°C...+55°C. ABS enclosure. Metallic grey colour. Dimensions (L x H x D) 260 x 252 x 110mm. EN 54-20:2006 - EN 54-17:2005. Approval certificate: 1415-CPR-128-(C-3/2024).

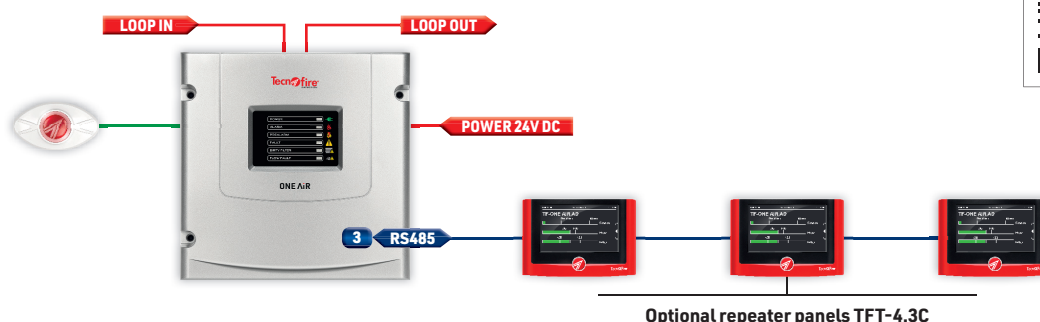
Item no. TF26TFONEAIRAD

NEW TF-ONE AIR AD01	Detector with the same technical characteristics as the TF-ONE AIR AD05 model. With programmable detection sensitivity from 0.1% to 1% obs/m. Class B (increased sensitivity). EN 54-20:2006 - EN 54-17:2005. Approval certificate: 1415-CPR-128-(C-3/2024).	
	Item no. TF26TFONEAIRADA	

NEW TF-ONE AIR AD0005	Detector with the same technical characteristics as the TF-ONE AIR AD05 model. With programmable detection sensitivity from 0.005% to 1% obs/m. Class A (high sensitivity). EN 54-20:2006 - EN 54-17:2005. Approval certificate: 1415-CPR-128-(C-3/2024).	
	Item no. TF26TFONEAIRADH	

MANAGEMENT DEVICES	TFT-4.3C	Repeater panel - Detector monitor	Max. 3 devices
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TF-ONE AIR AD detector - Application diagram



ONE AiR
ASPIRATING SMOKE DETECTOR



TF-ONE AIR - ENG

Conventional aspirating smoke detectors with laser technology

ASPIRATING SMOKE DETECTOR TF-ONE AIR CV		
TF-ONE AIR CV05 Normal sensitivity 0,5%...1% obs/m	TF-ONE AIR CV01 increased sensitivity 0,1%...1% obs/m	TF-ONE AIR CV005 High sensitivity 0,005%...1% obs/m

NEW TF-ONE AIR CV05	 		Conventional aspirating smoke detector. Laser detection optics, Part-Flow sampling technique. Programmable sensitivity from 0.5%...1% obs/m. Class C (normal sensitivity). Coverage of an area up to 1600m². Aspirating network with Ø25mm ABS piping with a maximum length of 400m. Air temperature -20°C...+60°C. Design of the aspirating network using the TecnoASD software supplied. Depending on the application, the software sizes and verifies the flow data of the network, defines the detector programming and draws up the project compliance declaration. The detector is equipped with automatic fault controls for: power supply, air flow and internal filter contamination. Serial bus for connecting optional TFT-4.3C repeater panels, which can be used to program and constantly monitor the detector's operation. Wi-Fi module and web page for monitoring and programming the detector. The connection between the detector and a PC or smartphone in Access Point mode allows the detector to be monitored and programmed. The LAN or WAN network connection only allows the detector to be monitored. Programmable functions: Prealarm and Alarm signalling thresholds, alarm signalling delay and motor speed. Signalling interface consisting of 6 LEDs and 3 relay outputs: Prealarm, Alarm and Fault. 24V DC power supply. IP3x protection rating. Operating temperature -5°C...+55°C. ABS enclosure. Colour: grey. Dimensions (L x H x D) 260 x 252 x 110 mm. EN 54-20:2006. Approval certificate: 1415-CPR-128-(C-3/2024).
	Item no. TF26TFONEAIRCV		

NEW TF-ONE AIR CV01	Detector with the same technical characteristics as the TF-ONE AIR CV05 model. With programmable detection sensitivity from 0.1% to 1% obs/m. Class B (increased sensitivity). EN 54-20:2006. Approval certificate: 1415-CPR-128-(C-3/2024).	
	Item no. TF26TFONEAIRCVA	

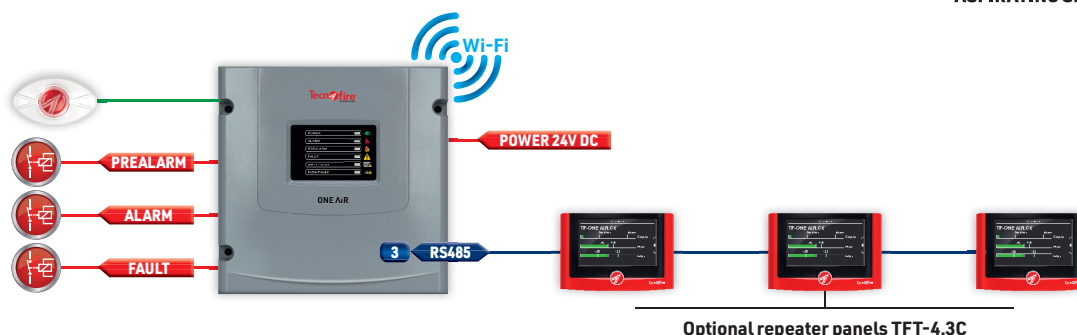
NEW TF-ONE AIR CV005	Detector with the same technical characteristics as the TF-ONE AIR CV05 model. With programmable detection sensitivity from 0.005% to 1% obs/m. Class A (high sensitivity). EN 54-20:2006. Approval certificate: 1415-CPR-128-(C-3/2024).	
	Item no. TF26TFONEAIRCVH	

MANAGEMENT DEVICES	TFT-4.3C	Repeater panel - Detector programming and monitor	Max. 3 devices
	WI-FI	Direct connection Access point mode - Detector programming and monitor LAN/WAN connection in Station mode - Detector monitor	-

TF-ONE AIR CV detector - Application diagram

ONE AiR

ASPIRATING SMOKE DETECTOR



Analysis chamber for ducts

TFDA-DUCT					
	Analysis chamber for ventilation and air conditioning ducts. Venturi tube operating principle, sampling mode, single tube with double duct for air intake and discharge. The analysis chamber is equipped with TFBASE01 connection base, for TFDA-S2 optical smoke detector. Protection rating IP54. ABS casing. Grey colour. Dimensions (L x H x D) 165 x 279 x 83mm. The device must be equipped with: TFDA-S2 detector and sampling tube of appropriate length. Approved EN 54-27.				
	Item no. TF3TFDADUCT				

TFDA-DUCT - Accessories

	TFTUBO-DUCT 60 TFDA-DUCT accessory. Sampling tube with dual duct for air intake and discharge, length 60cm.		TFTUBO-DUCT 150 TFDA-DUCT accessory. Sampling tube with dual duct for air intake and discharge, length 150cm.
	Item no. TF3TFTUBODUCT60		Item no. TF3TFTUBODUCT15
			TFCOVER-DUCT TFDA-DUCT accessory. Protective cover for TFDA-DUCT, in polycarbonate with internal insulation in polyethylene foam. Dimensions (L x H x D) 292 x 460 x 122mm.
			Item no. TF3TFCOVERDUCT

ADDRESSED DETECTORS - Accessories

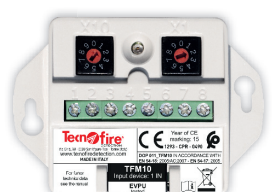
	TFBOX-B Junction box for fixing a detector base. Fittings for 20mm tubes. ABS casing. White colour. Dimensions (D x H) 101 x 38mm.		TFRIP-R Optical repeater, red LED. 360° visibility. Surface mounting. ABS casing. IP22. White colour. Dimensions (L x H x D) 78 x 45 x 25mm.
	Item no. TF6TFBOXB		Item no. TF3TFRIPR
	TFRIP-R INC Optical repeater, red LED. 360° visibility. Flush mounting. Protection rating IP67.		TFRIP-SMART Smart optical repeater, red LED. 360° visibility. Formula-managed signaling. 3 wire connection to detector. ABS casing. IP22. Colour white. Dimensions (W x H x D) 78 x 45 x 25mm.
	Item no. TF3TFRIPRINC		Item no. TF3TFRIPSMART

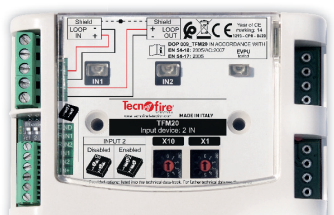
Addressable modules

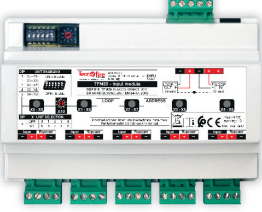
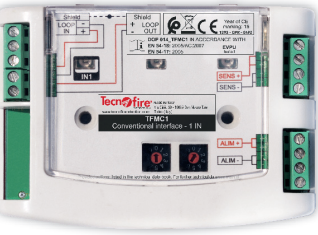
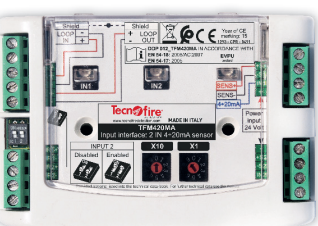
The Tecnofire range of addressed modules consists of input modules, output modules and input/output modules. The modules can consist of one or more logic units. Input logic units can be used as operands, output logic units can be used as operators in algebraic formulas, which are verified by the control panel. The TFM10 and TFM420MA modules can independently manage Prealarm and Alarm signalling.

Input modules

INPUT MODULES	TFM10	TFM20	TFM50	TFMC1	TFM420MA
Composition	1 input	2 inputs	5 inputs	1 conventional input	2 inputs 4-20mA
Addresses used	1 address	2 addresses	5 addresses	1 address	2 addresses
Input type	Alarm Fault	Alarm Fault	Alarm Fault	Prealarm Alarm Fault	Prealarm Alarm Fault
Operating criteria	8	8	8	8	5
Evacuation alarm	Programmable	Programmable	Programmable	Programmable	-
Prealarm management	-	-	-	-	Programmable

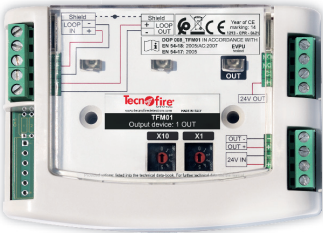
TFM10	 EN 54-18 54-17 1 INPUT 1 LOGICAL UNIT OPERAND FORMULA ABS BOX
	Addressable module with 1 input. Input connection in Alarm or Fault mode. Programmable operating criteria. 1 output per repeater. 1 input status indicator LED. Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Surface mounting. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 69.5 x 49.8 x 17mm (dimension L can be reduced to 49.8mm). Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0490.
Item no. TF4TFM10	

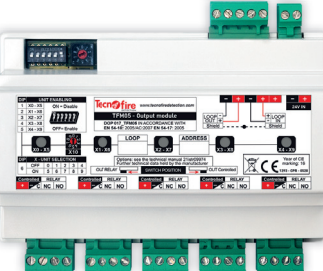
TFM20 	     
	Addressable module equipped with 2 inputs, individually identified by the system. Inputs connection in Alarm or Fault mode. Programmable operating criteria. 2 outputs for repeaters. 2 input status indicator LEDs. Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar with TFDIN accessory. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 112 x 78 x 25mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0420.
	Item no. TF4TFM20

TFM50-HP	      
	Addressable module equipped with 5 inputs, individually identified by the system. Inputs connection in Alarm or Fault mode. Programmable operating criteria. 5 outputs for repeaters. 5 input status indicator LEDs. Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 144 x 92 x 71,5mm. EN 54-18:2005/AC:2007 - EN 54-17:2005. Certificato di omologazione: 1293-CPR-0527. Item no. TF4TFM50HP
TFM50-LP	Addressable module with the same electrical functional characteristics of the TFM50-HP model, but with installation in reduced height casing. Dimensions (L x H x D) 144 x 92 x 38,5mm. Item no. TF4TFM50LP
TFMC1	     
	Addressable module equipped with 1 input for conventional detectors. Opto-isolated power supply. Programmable functions: Prealarm signaling. 1 input status indicator LED. Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar with TFDIN accessory. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 112 x 78 x 25mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0492. Item no. TF4TFMC1
TFM420MA	     
	Addressable module equipped with 2 inputs for 4-20mA devices, individually identified by the system. Programmable functions: Prealarm signaling, operating criteria, prealarm threshold, alarm threshold. Criterion for detecting inputs for increasing or decreasing current. 2 outputs for repeaters. 2 input status indicator LEDs. Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar with TFDIN accessory. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 112 x 78 x 25mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0491. Item no. TF4TFM420MA

Output Modules

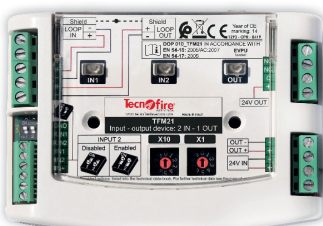
OUTPUT MODULES	TFM01	TFM05
Composition	1 output	5 outputs
Addresses used	1 address	5 addresses
Output type	Contact Controlled line	Contact Controlled line
Operating criteria	6	6
Delay and activation time	Programmable	Programmable
Formula association	Yes	Yes

TFM01	     
	Addressable module with 1 output. Output connection in contact mode or controlled line. Programming: operating criteria, activation time and delay. Output activation subject to formula. 1 output status indicator LED. Protected service input for powering external devices. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar with TFDIN accessory. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 112 x 78 x 25mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0421.
	Item no. TF4TFM01

TFM05-HP	      
	Addressable module equipped with 5 outputs, individually identified by the system. Output connection in contact mode or controlled line. Programming: operating criteria, activation time and delay. Outputs activation subject to formula. 5 output status indicator LEDs. Protected service inputs for powering external devices. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 144 x 92 x 71.5mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0528.
	Item no. TF4TFM05HP
TFM05-LP	Addressable module with the same electrical functional characteristics of the TFM05 -HP model, but with installation in reduced height casing. Dimensions (L x H x D) 144 x 92 x 38.5mm.
	Item no. TF4TFM05LP

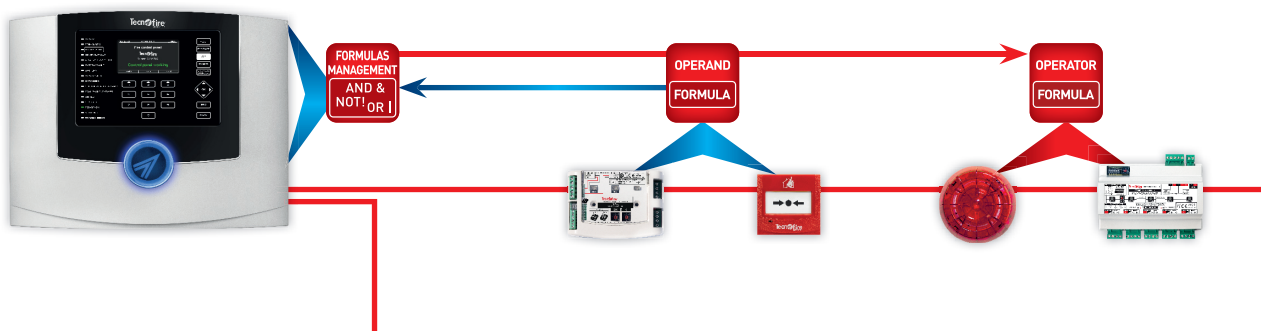
Input/output module

INPUT/OUTPUT MODULE		TFM21	
Composition		2 inputs 1 output	
Addresses used		3 addresses	
Input type	Alarm Fault	Output type	Contact Controlled line
Operating criteria	8	Operating criteria	6
Evacuation alarm	Programmable	Delay and activation time	Programmables
		Formula association	Yes

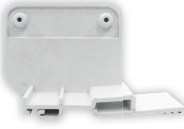
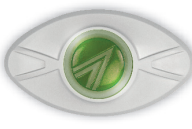
TFM21	 EN 54-18 54-17 2 INPUTS 1 OUTPUT 3 LOGICAL UNITS OPERAND AND OPERATOR FORMULA ABS BOX
	Addressable module equipped with 2 inputs and 1 output, individually identified by the system. Inputs: connection in Alarm or Fault mode, programmable operating criteria. 2 outputs for repeaters. Inputs operating statuses can be used as operands in formulas. Output: connection in contact mode or controlled line. Programming: operating criteria, activation time and delay. Output activation subject to formula. 3 input and output status indicator LEDs. Protected service input for powering external devices. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Fixing on a surface or on a DIN bar with TFDIN accessory. Protection rating IP4x. ABS casing. White colour. Dimensions (L x H x D) 112 x 78 x 25mm. Approved EN 54-18:2005/AC:2007 - EN 54-17:2005. Certification: 1293-CPR-0419.
Item no. TF4TFM21	

Managing Formulas

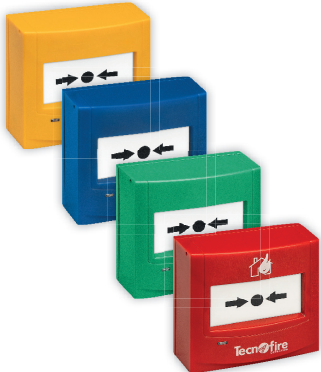
The operating statuses of the Tecnofire modules, prealarm, alarm, fault, exclusion, can be used as operands, in the programming of the formulas managed by the control panels. The formulas, through logical operators, relate the operating statuses of the devices indicated as operands. The control panel verifies the criteria set out in the formula and, if it considers it satisfied, implements the outputs and activates the associated optical-acoustic alarm devices.

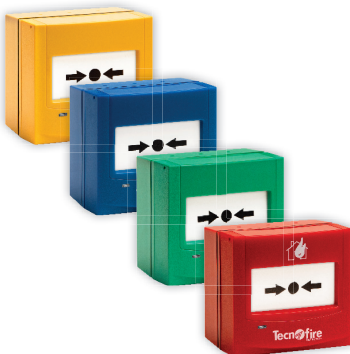


ADDRESSABLE MODULE - Accessories

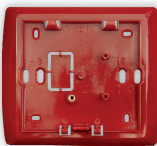
	TFDIN Support bracket for mounting standard format addressable modules, on DIN omega bar. ABS material. White colour. Item no. TF5TFDIN		TFRIP-V Optical repeater, green LED. 360° visibility Surface mounting. ABS casing. IP22. White colour. Dimensions (L x H x D) 78 x 45 x 25mm. Item no. TF3TFRIPV
	TFBOX-M Junction box with fixing templates for addressable modules. ABS casing. White colour. Dimensions (L x H x D) 136 x 136 x 63mm. Item no. TF5TFBOXM		TFRIP-R Optical repeater, red LED. 360° visibility Surface mounting. ABS casing. IP22. White colour. Dimensions (L x H x D) 78 x 45 x 25mm. Item no. TF3TFRIPR
	TFRELE-230 Relay module for managing 230V AC electrical loads. Command serviced by an output module. 5A maximum over contact load. Dimensions (L x H x D) 66 x 95 x 29mm. Item no. TF5TFRELE230		TFRIP-G Optical repeater, yellow LED. 360° visibility Surface mounting. ABS casing. IP22. White colour. Dimensions (L x H x D) 78 x 45 x 25mm. Item no. TF3TFRIPG
			TFRIP-R INC Optical repeater, red LED. 360° visibility Flush mounting. Protection rating IP67. Item no. TF3TFRIPRINC

Manual alarm call points

TFCP									
		Addressable resettable call point, for manual fire alarm signaling. Manual operation, Type A (direct). Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Installation method: with piping in visible execution with pipe box, with piping in sub-track execution, on flush box 502, or, on flush box 503 with optional base TFCP-FRAME. Supplied accessories: tube box, opening key and reset button. Indoor use. Protection rating IP44. Polycarbonate casing V0. Red colour. Dimensions (L x H x D) 93 x 88 x 41 mm. With the tube box the dimension D becomes 76 mm. Approved EN 54-11:2001+A1:2005 - EN 54-17:2005. Certification 1293-CPR-0662.							
TFCP		Item no. TF5TFCP (red)							
TFCP-MR		Item no. TF5TFCPMR (yellow) - product not complying with EN 54							
TFCP-ES		Item no. TF5TFCPES (blue) - product not complying with EN 54							
TFCP-AB		Item no. TF5TFCPAB (green) - product not complying with EN 54							

TFCP-IP55									
		Addressable resettable call point, for manual fire alarm signaling. Manual operation, Type A (direct). Module operating statuses can be used as operands in formulas. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Installation mode: with piping in visible execution with tube box. Supplied accessories: tube box, opening key and reset button. Outdoor use. Protection rating IP55. Polycarbonate casing V0. Red colour. Dimensions with tube box (L x W x D) 93 x 88 x 76 mm. Approved EN 54-11:2001+A1:2005 - EN 54-17:2005. Certification 1293-CPR-0807.							
TFCP-IP55		Item no. TF5TFPIP55 (red)							
TFCP-IP55 MR		Item no. TF5TFCPMRIP55 (yellow) - product not complying with EN 54							
TFCP-IP55 ES		Item no. TF5TFCPESIP55 (blue) - product not complying with EN 54							
TFCP-IP55 AB		Item no. TF5TFCPABIP55 (green) - product not complying with EN 54							

MANUAL ALARM CALL POINTS - Accessories

		TFCP-COP				TFCP-KEY	
Transparent anti-vandal cover with anti-opening clamp, for TFCP-C and TFCP IP55 series call points. Pack: 10 pieces.		Item no. TF5TFCOPCP		Opening and reset key for TFCP-C and TFCP IP55 series call points. Pack: 10 pieces.		Item no. TF5TFKEYCP	
		TFCP-FRAME				TFCP-PLEXI	
Adapter for mounting TFCP-C series call points on 503 flush box. Pack: 5 pieces.		Item no. TF5TFCPFRAME		Plexiglass location sign, with push-button lock, reversible position. Conforms to UNI EN ISO 7010. Dimensions (L x H) 153 x 153 mm.		Item no. TF5TFPPX	

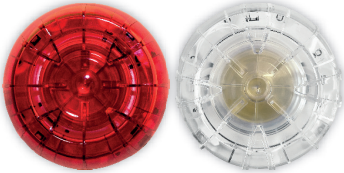
Optical-acoustic panels

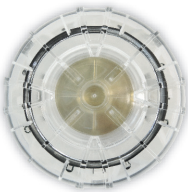
TFPANM-AI	        
	Optical-acoustic fire alarm panel, VAD category W. Optical coverage W-4.6-7.7, volume 272m³. Sound pressure 99dB(A) @ 1m. Type A for indoors. Dual address for operation duplication. Programmable functions: 6 operating criteria, 8 sound modes, activation time and delay, flashing and/or acoustic signal can be excluded. Optical synchronised signaling. Signaling activation subject to formula. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Semi-flush mounting on box type 503 or on surface via TFBOX-P accessory. 24V DC power supply from external source. Maximum consumption 65 mA. Protection rating IP21C. ABS casing. White colour. Semi-flush mounting dimensions (L x W x D) 373 x 150 x 33mm. Approved EN 54-3:2001 + A2:2006 - EN 54-23:2010 - EN 54-17:2005. Certification: 0051-CPR-0532. Item no. TF5TFPANMAI-UK
	TFPANM-AC Panel with the words "ALARM IN PROGRESS". Technical characteristics equal to the TFPANM-AI model. Item no. TF5TFPANMAC-UK
	TFPANM-EL Panel with the words "PLEASE EVACUATE". Technical characteristics equal to the TFPANM-AI model. Item no. TF5TFPANMEL-UK
	TFPANM-VE Panel with the words "DO NOT ENTER EXTINGUISHING IN PROGRESS". Technical characteristics equal to the TFPANM-AI. Item no. TF5TFPANMVE-UK
	TFPANM-AG Panel with the words "GAS ALARM". Technical characteristics equal to the TFPANM-AI model. Item no. TF5TFPANMAG-UK

High-power optical-acoustic alarm devices

NEW TFIES03	        
	Addressable high power optical-acoustic alarm device, for VAD fire alarm signal, category 0 (Open class). Optical coverage 0-5.5-3.2-7.7, volume 135m³. Sound pressure max. 118dB(A) @ 1m. Type B for outdoor use. Dual address for operation duplication. Programmable functions: 6 operating criteria, 64 sound modes, volume adjustment 2 levels, end-of-alarm tone, activation time and delay, flashing and/or acoustic signal can be excluded. Optical synchronised signaling. Signaling activation subject to formula. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. External power supply 24V DC. Protection rating IP54. Operating temperature -25°C...+70°C. PC-ABS casing. White optical diffuser colour. Dimensions (L x H x D) 204 x 240 x 118,5mm. Approved EN 54-3:2001 + A1:2002 + A2:2006 - EN 54-23:2010 - EN 54-17:2005. Certification: 0051-CPR-3572. Item no. TF5TFIES03

Optical-acoustic alarm devices

TFIS01							
 Optical-acoustic warning device for signaling fire alarm VID. Sound pressure 102dB(A) @ 1m. Type A for indoors. Dual address for operation duplication. Programmable functions: 6 operating criteria, 64 sound modes, volume adjustment 2 levels, activation time and delay, flashing excluded, activation. Signaling activation subject to formula. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Mounting with universal base TFBASE01. Protection rating IP22. Operating temperature -15°C...+70°C. PC-ABS casing. Red or white optical diffuser colour. Dimensions (D x H) 120 x 65mm. Approved EN 54-3:2001 + A1:2002 + A2:2006 - EN 54-17:2005. Certification: 1293-CPR-0422. Item no. TF5TFIS01 (Optical diffuser red) Item no. TF5TFIS01W (Optical diffuser white)							

TFIES02									
 Optical-acoustic warning device for VAD fire alarm signal, category 0 (Open class). Optical coverage 0-4.6-2, volume 9.2m³. Sound pressure 101dB(A) @ 1m. Type B for outdoor use. Dual address for operation duplication. Programmable functions: 6 operating criteria, 64 sound modes, volume adjustment 2 levels, end-of-alarm tone, activation time and delay, flashing and/or acoustic signal can be excluded. Optical synchronised signaling. Signaling activation subject to formula. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Mounting with universal base TFBASE01. Protection rating IP33C. Operating temperature -25°C...+70°C. PC-ABS casing. White optical diffuser colour. Dimensions (D x H) 120 x 65mm. Approved EN 54-3:2001 + A1:2002 + A2:2006 - EN 54-23:2010 - EN 54-17:2005. Certification: 1293-CPR-0825. Item no. TF5TFIES02									

OPTICAL-ACOUSTIC ALARM DEVICES - Accessories

 TFBASE01 Mounting base for sirens TFIS01 and TFIES02. ABS material. White colour. Dimensions (D x H) 100 x 19mm. Item no. TF6TFBASE01N	 TFBOX-SBWP Junction box for mounting base TFBASE01. With additional seal for mounting siren module TFIES02. Plugs for mounting 2 PG9 pipe sockets. Plug for plexiglass signage. Protection rating of TFBOX-SBWP IP65. ABS casing. Colour white. Dimensions (D x H) 121 x 40mm. Item no. TF5TFBOXSBWP
 TFIS01-PLEXI IT Plexiglass signage, with mounting location for TFIS01 and TFIES02 sirens. With the words "FIRE ALARM". Dimensions (L x H) 360 x 121mm. Item no. TF5TFIS01PX-UK	 TFIS01-PLEXI EL IT Product with English text not available. Not available
	 TFBOX-P Mounting base for TFAPANM panel. Fittings for 20mm tubes. Wall or box 503 mounting. ABS material. White colour. Dimensions (L x H x D) 373 x 150 x 63mm. Item no. TF5TFBOXP

Power supply unit

TFPS-5								
	Additional addressable power supply unit. EN 54-4 approved for the supply of fire detection and alarm systems for buildings. EN 12101-10 approved for the supply of smoke and heat evacuation equipment and systems and smoke control systems. Power supply voltage 230V AC. Rated output data: voltage 27.6V DC maximum current 5A. The unit is equipped with 3 independent outputs for the power supply of utilities. Each output delivers a maximum current of 1.1A. Automatic testing and battery release functions for deep discharge. Front control panel with 6 operating status LEDs. Fault signal output: free changeover relay. Casing for 2 x 12V 17Ah buffer batteries. RSC® management: programming, remote management and control. Loop connection. Dual short-circuit isolator. Operating temperature -5°C...+40°C. Protection rating IP3x. Metal casing. Black colour. Dimensions (L x H x D) 320 x 365 x 170mm. Approved EN 54-4:1997 + A1:2002 + A2:2006 - EN 54-17:2005. EN 12101-10. Certification: 0051-CPR-0432.							
	Item no. TF5TFPS5							

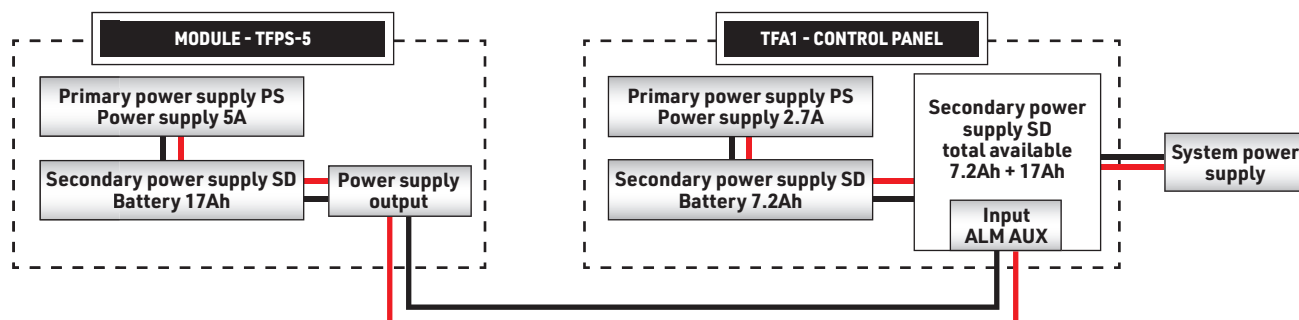
SYSTEM AUTONOMY

Fire detection systems in case of absence of primary power supply from the mains must guarantee the hours of autonomy of operation, prescribed by the respective national regulations.

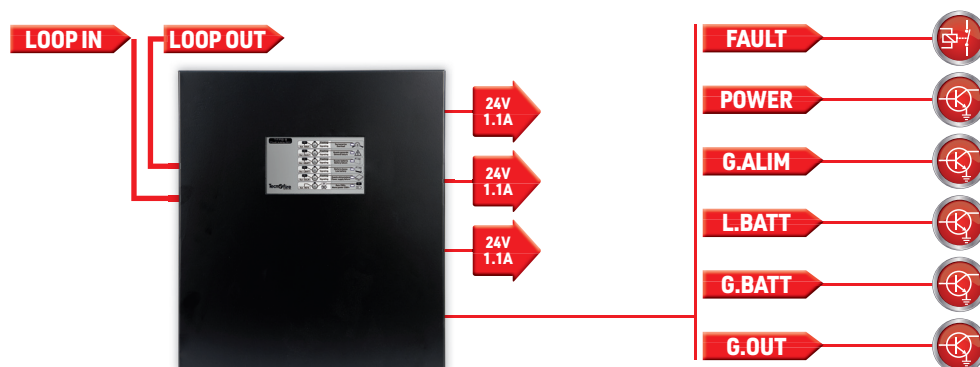
The operating autonomy of the system is guaranteed by the secondary power supply, consisting of the backup batteries.

If the batteries housed in the control panel cannot guarantee the required operating autonomy, it is possible to boost the secondary power supply by adding one or more TFPS-5 supplementary power supply units.

The TFPS-5 power supply unit connected to the detection loop is supervised by the control panel, its power output is connected to the auxiliary power input available on all Tecnofire control panels.



Module TFPS-5 - Application scheme



Wireless fire detection system



FIREWAVE is a high-sensitivity wireless system with dual frequency band (433 MHz and 868 MHz) and multiple channels. FSK digital modulation. WL FIRE SPEED bidirectional radio communication protocol. The FIREWAVE system is based on a distributed, redundant and synchronised network architecture. The combination of these three key factors guarantees: wide radio coverage, reliable communication, ensured by the dynamic redundancy of the two gateway modules, and precise operation, marked by the synchronisation of the communication protocol.

The FIREWAVE system consists of two gateway modules and various detection and signalling devices that complete the radio network. The gateways, connected to a Tecnofire system detection loop and associated with a radio slot, work in synergy with the control panel to manage the communication and monitoring of the devices that make up the radio slot. Each radio slot can manage up to 32 detection and signalling devices. Each loop in the system can manage four radio slots. The protocol synchronisation manages and coordinates the pause and transmission times of the radio slots belonging to the various loops of the control unit, minimising the possibility of interference.

Programmable functions: radio slot number, primary and redundant gateway role, transmission power.

Monitored functions: redundant radio transmission and reception, scanning and control of the devices that make up the radio slot, gateway power supply and charge level of the batteries that power the detection and signalling devices.

In the event of a fault or anomaly in one of the gateways, the system dynamically reassigns the gateway management role. FIREWAVE system devices can be managed by any Tecnofire system, whether old or new generation.

FIREWAVE SYSTEM								
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FIREWAVE SYSTEM - Technical and functional specifications

General information	Wireless system	FIREWAVE
	Compatibility	Tecnofire systems
System devices	Gateway module	TFGTW WL
	Combined optical smoke and heat detector	TFDA-STR2 WL
	Manual alarm call point module	TFCP WL
	Optical-acoustic alarm module	TFIES02 WL
Single Gateway configuration	Management role	Primary gateway
	Gateway function	Transceiver
	Managed wireless devices	Max. 32
	Managed zones	1
	Zone composition	A single type of device
Dual Gateway configuration	Management roles	Primary gateway Redundant gateway
	Primary gateway function	Transceiver
	Redundant gateway function	Receiver
	Gateway management role reassignment	Dynamic
	Managed wireless devices	Max. 32
	Managed zones	Multiple
	Zone composition	Mixed devices
Device identification	Gateway modules	Loop address and radio slot ID
	Detectors and modules	Virtual address and unique WID code
Checks	Function monitor	Redundancy Device check Radio TX-RX check
System self-protection	Monitor	Supervision Radio jamming
Radio frequency characteristics	Two-way communication protocol	WL FIRE-SPEED
	Transceiver	UHF
	Modulation	FSK
	Frequency bands	433MHz 868MHz
	Programmable transmission power	4 levels per frequency band
	Communication channels	2 channels per frequency band
	Channel tuning	Automatic
Physical specifications	Environmental class	3K5 EN 60721-3-3:1995
Conformity	Standard	EN 54-25:2008/ AC2012
	System compatibility	EN 54-13:2020

RADIO SLOT CONFIGURATION

The radio slot can be configured with one or two gateways. The EN 54-25 standard defines the installation rules for the two possible configurations.

Radio slot configured with one gateway: in this configuration, the gateway assumes the role of primary and independently manages communication with the radio devices that make up the slot. In this case, the radio slot can only manage one detection zone consisting of homogeneous devices, for example, only push-button modules or only detectors.

Radio slot configured with two gateways: in this configuration, the first gateway assumes the role of Primary and the second gateway that of Redundant.

The Primary gateway manages communication with the radio devices that make up the slot, while the Redundant gateway monitors all slot communications.

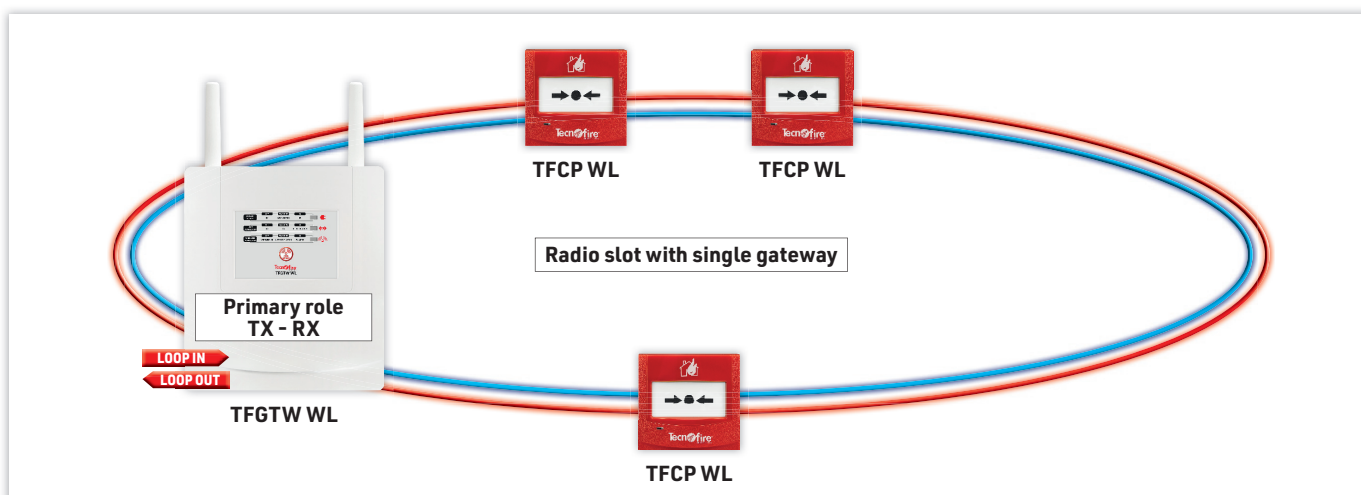
If the system detects communication anomalies, the roles of the two gateways are dynamically reversed.

Gateway Module

NEW	TFGTW WL						
		Addressable wireless gateway module. High sensitivity UHF transceiver, dual frequency band 433MHz and 868MHz multi-channel. Digital modulation. WL FIRE SPEED two-way radio communication protocol. Indoor installation. Max. 32 wireless devices managed. Programmable functions: transmission power, wireless device network management role: Primary or Redundant Gateway. Control functions: radio reception, redundancy control, device presence control, management role reassignment, power supply monitor. RSC® management: programming, remote management and control. Self-protection: supervision, opening, removal, radio jamming. Signalling interface consisting of 3 LEDs. IP3x protection rating. Loop connection. Double line isolator. Power supply from loop or external 24V DC source. ABS casing. Colour: white. Dimensions (L x H x D): 182 x 207 x 52.5 mm. EN 54-17:2005 - EN 54-25:2008/AC2012.					
		Item no. TF23TFGTWWL					

Wireless combined optical smoke and heat detector

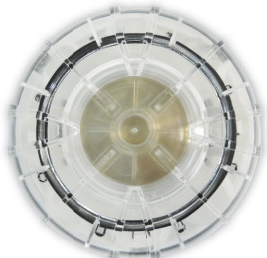
NEW	TFDA-STR2 WL		EN 54-5 54-7 54-25		COMBO 2T				
		Combined wireless addressable detector, consisting of two separate and independent detection sections: optical smoke detector and thermo-velocimetric detector. Category A1-58°, Suffix R. High sensitivity UHF transceiver, dual frequency band 433MHz and 868MHz multi-channel. Digital modulation. WL FIRE SPEED two-way radio communication protocol. Maximum precision in temperature detection and analysis of smoke captured by the optical chamber. Dynamic control and compensation of optical chamber sensitivity, automatic maintenance threshold management. Programmable functions: transmission power, 3 sensitivity levels, excludable prealarm signal, excludable optical and thermovelocimetric detection sections. The functional states of the detector can be used as operands in the conditioning formulas controlled by the control panel. RSC® management: programming, remote management and control. Self-protection: opening, removal, survival. Supplied accessories: mounting base and lithium power supply battery. IP22 protection rating. ABS casing. Colour: white. Dimensions (D x H) 100 x 52 mm. EN 54-7:2018 - EN 54-5:2017 + A1:2018 - EN 54-25:2008/AC2012.							
		Item no. TF23TFDASTR2WL							

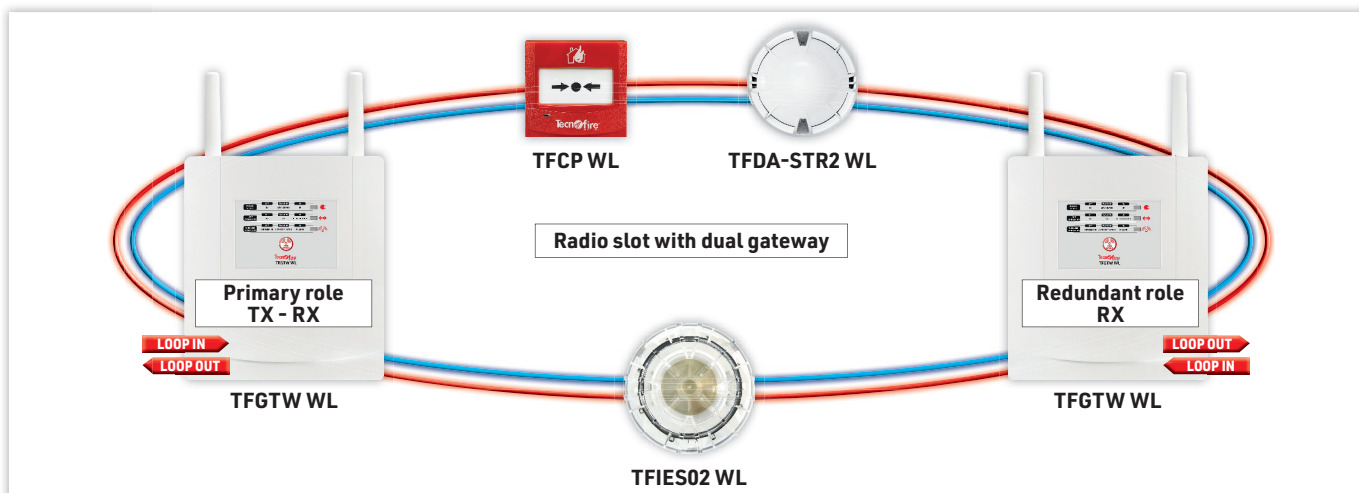


Wireless manual alarm call point module

NEW	TFCP WL								
		Addressable wireless resettable manual alarm call point for fire alarm signalling. Manual activation, Type A (direct). High sensitivity UHF transceiver, dual frequency band 433MHz and 868MHz multi-channel. Digital modulation. WL FIRE SPEED two-way radio communication protocol. Programmable functions: transmission power, operating criteria, evacuation signalling. The functional states of the module can be used as operands in formulas. RSC® management: programming, remote management and control. Self-protection: opening, removal, survival. Installation mode on surface or on 502 flush-mounted box. Accessories supplied: lithium power battery, opening key and reset button. Indoor use. IP44 protection rating. V0 polycarbonate casing. Colour: red. Dimensions (L x H x D): 93 x 88 x 49 mm. EN 54-11:2001+A1:2005 - EN 54-25:2008/AC2012.							
		Item no. TF23TFCPWL							

Wireless optical-acoustic alarm module

NEW	TFIES02 WL		EN 54-3 54-23 54-25	 433MHz 868MHz 2 - WAY	VAD VISUAL ALARM DEVICE	CATEGORY 0 4,6-2	9.2m³ COVERAGE VOLUME	SOUND LEVEL 101dB(A) @1m	OPERATOR FORMULA	PC ABS BOX
		Wireless addressable optical-acoustic alarm device for VAD fire alarms, category 0 (Open class). Optical coverage 0-x-x, volume x.m3. Acoustic pressure 101dB(A) @ 1m. Type B for outdoor use. High sensitivity UHF transceiver, dual frequency band 433MHz and 868MHz multi-channel. Digital modulation. WL FIRE SPEED two-way radio communication protocol. Programmable functions: transmission power, 6 operating criteria, 64 sound modes, 2-level volume adjustment, delay and activation time, flashing light and/or acoustic signal can be disabled. Synchronised optical signalling for devices belonging to the same radio slot. Signalling activation subject to formula. RSC® management: programming, remote management and control. Self-protection: opening, removal, survival. Accessories supplied: mounting base and lithium power batteries. IP33C protection rating. Operating temperature -25°C...+70°C. PC-ABS casing. Colour: white. Dimensions (D x H) 120 x 65mm. EN 54-3:2001 + A1:2002 + A2:2006 - EN 54-23:2010 - EN 54-25:2008/AC2012.								
		Item no. TF23TFIES02WL								



Software

TFSW-PROGRAMMING	
	 PROGRAMMING
	Programming and management software for Windows 32/64 Bit environment. The software allows you to program all the functions of Tecnofire Systems. TFSW-PROGRAMMAZIONE software also makes it possible to locally view and manage all RSC® functions. The Software integrates the floor plan management module. Connection via TCP/IP port via Ethernet LAN or WAN network or direct connection between PC and central via USB port.
	Item no. TF15TFSWPRG
	Extension of the Tecnoalarm Systems programming licence to Tecnofire Systems. Item no. TF15TFSWTF

Remote management

TFSW-TCP/IP	
	 TCP/IP
	Programming and remote management software for Windows 32/64 Bit environment. TFSW-TCP/IP software, installed on a PC connected to an Ethernet network, manages communication between Tecnofire Systems equipped with IP or LTE communication vectors and personal computer. TCP/IP proprietary protocols are used for communication, also in encrypted mode. The software allows you to remotely manage Tecnofire Systems in a simple and user-friendly way. Up to 100 interactive graphic plans can be created for each. Software available in 2 versions: for 100 or 1000 users.
	TFSW-TCP/IP 100 Item no. TF15TFSWTCPI00
	TFSW-TCP/IP 1000 Item no. TF15TFSWTCPI000

Monitoring

TFSW-TECNOMONITOR	
	 MONITORING
	Management software for Windows 32/64 Bit environment. TFSW-TECNOMONITOR software allows you to monitor and manage Tecnofire System operation locally, with serial or LAN connection. The software integrates the Floor Plan Management module with which you can create up to 100 maps. Item no. TF15TFSWTECNOM

License options

TFSW-TECNOMSG	License option for TFSW-PROGRAMMAZIONE and TFSW-TCP/IP software. It allows you to customise the vocabulary of Tecnofire Systems.
	Item no. TF15TFSWTMSG
TFTRASF-MON	Software transformation from TFSW-TECNOMONITOR to TWINMONITOR.
	Item no. TF15TFTRASFMON

Services

TFSW-COPIA	Copy of the user license for Tecnofire software.
	Item no. TF15TFSWCOPIA
TF5LICENSES	Package of 5 additional Tecnocloud-compatible licences
	Item no. TF15TF5LICENSES

supervisor

by Tecnoalarm®

VdS

The Supervisor by Tecnoalarm software is a versatile supervision platform, with a modular architecture, easily configurable thanks to the wide range of plug-ins and license options.

Supervisor is available in three operating configurations:

Supervisor monitor, Supervisor and Supervisor plus.

Supervisor represents the best supervision solution in any application context, from a simple system composed of a control panel to more complex system architectures.

The Supervisor platform realises the perfect operational synergy between the Supervisor System and the Tecnoalarm and Tecnofire Security and Automatic Fire Detection Systems, standing as a sure reference for the systems supervision market, in the areas of:

Safety, Security and Smart building.

Server licenses

Four Server Licenses make it possible to manage any supervisory context, from a single control panel to more complex and articulated system realities.

Additional licenses

Additional licenses allow the supervisory software to be extended along with the application context, to provide solutions to new management and configuration needs.

License options

Optional license allow you to implement Supervisor software with extra functions and services such as: viewing IP camera video streams, managing Client workstations with multiple monitors, applying management rules to multiuser systems.

	COMPARISON OF CONFIGURATIONS		
			
WEB SUPERVISOR INTEROPERABILITY	No	Yes	Yes
CONTROL PANELS MANAGED	1	1 to 20	Not defined
CLIENTS MANAGED	1	1 to 5	1 to 40
RESTRICTION GROUPS	1	Max. 5	Max. 40
MONITORS PER CLIENT	1	1 to 4	
LIVE STREAMS MANAGED	16	Unlimited number	
DATA POINTS MANAGED	Depending on control panel		
GRAPHIC MAPS MANAGED	Unlimited number		
USERS MANAGED	Unlimited number		

Supervisor monitor - Server licence

NEW TFSVM-MONITOR	  		
	 Server Supervisor monitor Licence. The licence allows supervision of a control panel. The licence includes a server and a management client that can also be installed on a remote PC connected to the server via a LAN/WAN network. The Supervisor monitor licence can be converted into a basic Server Licence by purchasing the TFSVM-UPGRADE software upgrade licence. Item no. TF11SVMONITOR		

Supervisor monitor - Upgrade licence

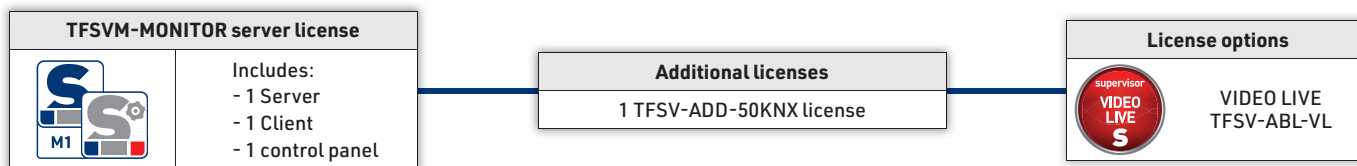
TFSVM-UPGRADE	Licence that allows you to convert your Supervisor monitor licence into a Supervisor Server TFSV-1PF-1CL licence. The Supervisor Server licence allows you to manage multiple control panels, increase the number of clients and access a wider range of options.	
	Item no. TF11SVMONUPGR	

Supervisor monitor - Additional licenses

TFSV-ADD-50KNX	The KONNEX licence manages the standard KNX communication protocol. The licence allows the Supervisor monitor to manage the control of building automation systems that use KONNEX devices. It manages up to 50 KNX groups.	
	Item no. TF11SVADD50KNX	

SOFTWARE SUPERVISOR MONITOR SYNOPTIC LICENCES AND AUTHORISATIONS

The configuration of the Supervisor monitor software requires a Server licence that includes a Client. The available authorisations and licences allow the Supervisor software to be equipped with various features and services.



Supervisor web - Client Licenses

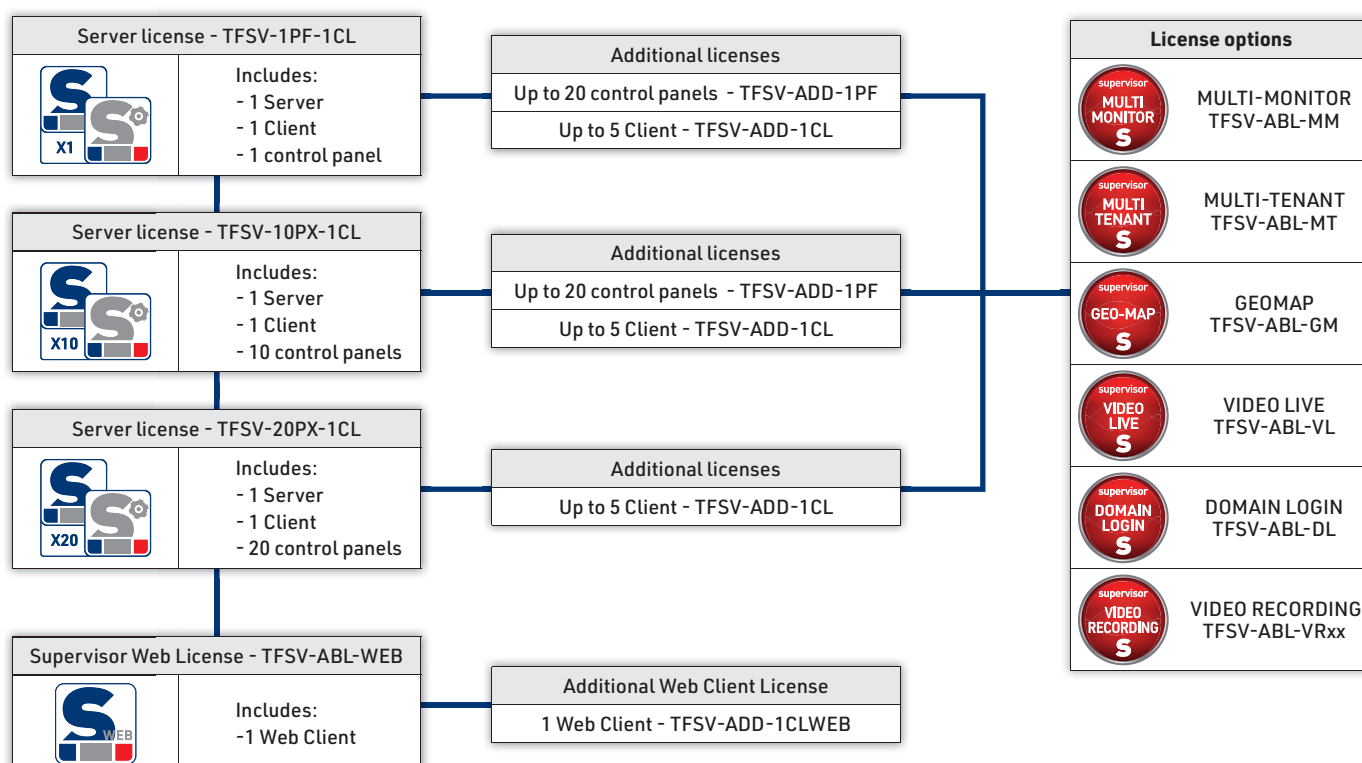
NEW TFSV-ABL-WEB		
	 Web License for Remote Access. The Web Client establishes a direct connection to the Supervisor server via HTTPS protocol, allowing full system management from a smartphone, tablet, or PC. The activation includes a single Web Client access; the number of Web Clients can be expanded using the additional license TFSV-ADD-1CLWEB. Limitations: The Web Client does not support workflows, dynamic pop-ups, or video streams. Item no. TF11SVABLWEB	
TFSV-ADD-1CLWEB	Additional Web Client License Expansion module for the TFSV-ABL-WEB activation. It allows for an additional simultaneous access to the Supervisor server, extending the system's remote management capacity to multiple workstations at the same time.	
	Item no. TF11SVADD1CLWEB	

Supervisor - Server licences

TFSV-1PF-1CL						
	Server license for the supervision of 1 control panel. 1 Management Client that can be installed on a remote PC, connected to the Server via LAN/WAN. The number of managed control panels can be extended up to 20 with TFSV-ADD-1PF or TFSV-ADD-1PA licences. The number of Clients can be extended up to 5 with TFSV-ADD-1CL licences.					
Item no. TF11SV1PF1CL						
TFSV-10PX-1CL						
	Server license for the supervision of 10 Tecnofire or Tecnoalarm control panels. 1 Management Client that can be installed on a remote PC, connected to the Server via LAN/WAN. The number of managed control panels can be extended up to 20 with TFSV-ADD-1PF or TFSV-ADD-1PA licences. The number of Clients can be extended up to 5 with TFSV-ADD-1CL licences.					
Item no. TF11SV10PX1CL						
TFSV-20PX-1CL						
	Server license for the supervision of 20 Tecnofire or Tecnoalarm control panels. 1 Management Client that can be installed on a remote PC, connected to the Server via LAN/WAN. The number of Clients can be extended up to 5 with TFSV-ADD-1CL licences.					
Item no. TF11SV20PX1CL						

SUPERVISOR SOFTWARE LICENSES AND OPTIONS SUMMARY

Configuration of the Supervisor software requires, a Server licence, chosen according to the number of control panels to be supervised. The additional licences allow the management of other control panels to be added and the number of Client workstations to be expanded. The licences options allow the Supervisor software to be equipped with various functions and services.

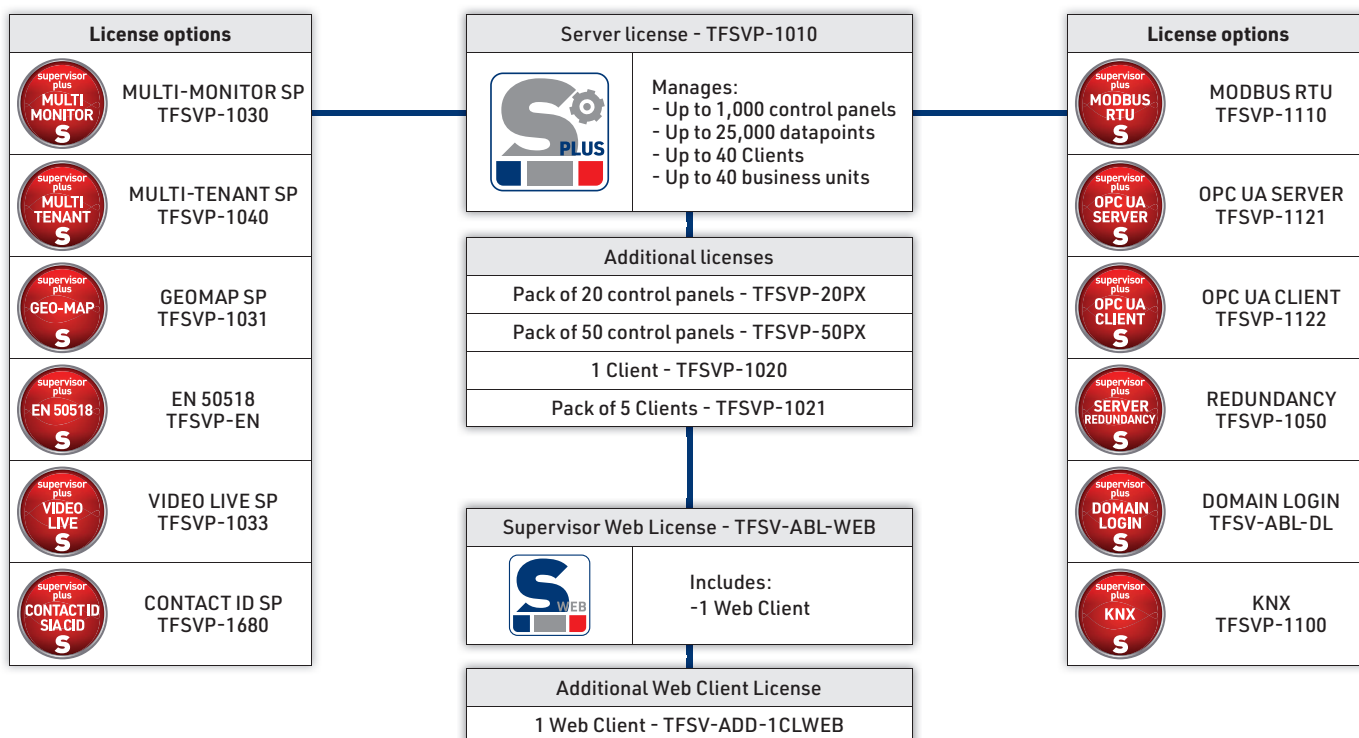


Supervisor plus - Server licence

NEW TFSVP-1010	SERVER UP TO 25.000 DATA POINT UP TO 40 USER CLIENTS
	Server licence for the Supervisor plus supervision software. The licence can manage a maximum of 40 client stations and an unlimited number of Tecnofire and Tecnoalarm control panels. Supervisor plus can manage and control up to 40 independent company units, with an unlimited number of profilable operators who carry out their activities with the support of graphic maps, links to HTML pages and video sources. Supervisor plus can manage the following systems: fire detection and extinguishing systems, intrusion detection systems, EVAC emergency systems and Konnex building automation systems, and can display an unlimited number of IP cameras. Up to a maximum of 25,000 data points. System mapping is supported and includes automatic download of data points and descriptions. Client stations can manage up to four monitors displaying preset layouts that can be selected manually or automatically in response to specific events. Dynamic Event Manager: for each station/event it is possible to define the actions to be taken, the images to be displayed, information tables, the emergency plan, useful contacts, the association of cameras for video verification, the display of documents and images and the sending of notification e-mails. The Supervisor plus software allows the management of an unlimited number of IP cameras with standard RTSP flow, in live mode, with up to 16 simultaneous views. The Supervisor plus software requires the Windows 10 operating system.
	Item no. TF11SVP1010

SUPERVISOR PLUS SOFTWARE LICENSES AND OPTIONS SUMMARY

The configuration of the Supervisor plus software requires, a Server licence and the additional licences needed to manage the number of control panels to be supervised and the Client stations required. The licence options allow the Supervisor plus software to be equipped with various features and services.



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