# Addressable peripheral devices

MODULES

The range of Tecnofire addressable peripheral devices is composed of input/output modules with different functional specializations, optical and acoustic signaling devices, manual fire call points, additional power supply units and interfaces for conventional and 4-20mA devices.
The Tecnofire addressable devices are connected to the loop of the fire alarm panel and use the proprietary Fire-Speed protocol. All the devices are equipped with a dual loop isolator, which, in case of failure, disconnects the device from the loop in order to safeguard the correct functioning of the devices connected downstream and upstream.

## ADDRESSABLE MODULES AND INTERFACES

### TFM10

RSC® · 1 LOGICAL UNIT · 1 INPUT · ABS V0 BOX

The TFM10 is an addressable module composed of 1 supervised physical/logical unit: 1 input. Programmable functions: 4 functioning modes (generate alarm, generate acknowledgment, generate reset, none), 2 input types (alarm or failure) - 2 repeater control outputs for input status signaling - Excludable input status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Surface mounting - IP40 - Casing ABS V0 - Dimensions (L x H x D) 69.5 x 49.8 x 17mm (length reducible to 49.8mm) - White color
EN 54-18: 2005/AC: 2007 - EN 54-17: 2005

**Item no. TF4TFM10**

### TFM20

RSC® · 2 LOGICAL UNITS · 2 INPUTS · ABS V0 BOX

The TFM20 is an addressable module composed of 2 supervised physical/logical units: 2 inputs, which are individually identified by the system and occupy up to 2 addresses. Programmable functions: 4 functioning modes (generate alarm, generate acknowledgment, generate reset, none), 2 input types (alarm, failure) - 2 repeater control outputs for input status signaling - 2 excludable input status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Mounting on the surface or DIN rail TFDIN - IP40 - Casing ABS V0 - Dimensions (L x H x D) 112 x 78 x 25mm - White color
EN 54-18: 2005/AC: 2007 - EN 54-17: 2005 - Certification number 1293-CPR-0420

**Item no. TF4TFM20**

### TFM21

RSC® · FORMULAS AND & NOT! OR ! · 3 LOGICAL UNITS · 2 INPUTS 1 OUTPUT · ABS V0 BOX

The TFM21 is an addressable module composed of 3 supervised physical/logical units: 2 inputs and 1 output, which are individually identified by the system and occupy up to 2 addresses. Programmable functions: 4 functioning modes for inputs (generate alarm, generate acknowledgment, generate reset, none), 2 input types (alarm, failure), 2 functioning modes for outputs (acknowledgeable, non-acknowledgeable), 2 output types (contact, controlled output), output activation delay, output activation time, output activation can be subjected to formula - Protected power supply input for load - 2 repeater control outputs for input status signaling - 3 excludable input/output status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Mounting on the surface or DIN rail TFDIN - IP40 - Casing ABS V0 - Dimensions (L x H x D) 112 x 78 x 25mm - White color
EN 54-18: 2005/AC: 2007 - EN 54-17: 2005 - Certification number 1293-CPR-0419

**Item no. TF4TFM21**

## TFM01

The TFM01 is an addressable module composed of 1 supervised physical/logical unit: 1 output.
Programmable functions: 2 functioning modes (acknowledgeable, non-acknowledgeable), 2 output types (contact, controlled output), output activation delay, output activation time, output activation can be subjected to formula - Protected power supply input for load - Excludable output status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Mounting on the surface or DIN rail TFDIN - IP40 - Casing ABS V0 - Dimensions (L x H x D) 112 x 78 x 25mm - White color
EN 54-18: 2005/AC: 2007 - EN 54-17: 2005 - Certification number 1293-CPR-0421

**Item no. TF4TFM01**

## TFMC1

The TFMC1 is an addressable interface composed of 1 supervised physical/logical unit: 1 input for conventional devices.
Opto-isolated power supply input for conventional detectors - Programmable functions: prealarm signaling - 1 excludable input status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Mounting on the surface or DIN rail TFDIN - IP40 - Casing ABS V0 - Dimensions (L x H x D) 112 x 78 x 25mm - White color

**Item no. TF4TFMC1**

## TFM420MA

The TFM420MA is an addressable interface composed of 2 supervised physical/logical units: 2 inputs for 4-20mA devices, which are individually identified by the system and occupy up to 2 addresses.
Programmable functions: prealarm signaling, 3 functioning modes (generate alarm, prealarm threshold, alarm threshold) - 2 repeater control outputs for input status signaling - 2 excludable input status LED - Integrated RSC® technology: programming, remote management of all functioning parameters - Dual loop isolator - Connection to loop - Proprietary high-speed protocol Fire-Speed - Mounting on the surface or DIN rail TFDIN - IP40 - Casing ABS V0 - Dimensions (L x H x D) 112 x 78 x 25mm - White color

**Item no. TF4TFM420MA**