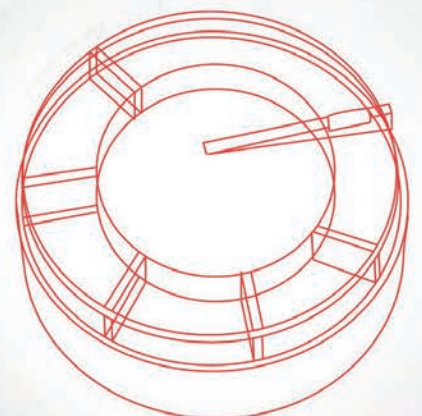


PRODUCT LIST

2025

Success of Innovation







Detnov Security S.L. started its activity in 2007 in Barcelona. We are a company **specialized in development and manufacture of fire alarm systems** for any kind of installations as offices, hospitals, hotels, shopping malls, university campuses, residential buildings, etc.

We have a team of highly qualified professionals with more than 25 years of experience in the field of fire protection. **Our R&D team designs each of our products from advanced production technologies to meet the market needs.**

We have our own laboratories for electromagnetic compatibility (EMC / EMI) and calibration, which allows us to guarantee the quality of all our products with the highest standards exigency.



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Modular addressable control panels - VESTA series



CAD-250

Modular addressable fire alarm control panel expandable up to 32 loops, by means of additional 2 loops cards (TBUD-250) and extension boxes (CAD-250-B). It does not incorporate detection loops. 10" touch screen with graphic management. 2048 programmable zones, 256 areas and 1024 groups. 1.000.000 event history logs, free configuration and maintenance software, USB and ethernet configuration ports, 2 supervised sounder outputs, 2 free relay outputs and 1 technical input. Auxiliary output of 24V 500 mA. Able to be networked up to 64 control panels (T-Network) through TMB-252 or TMBFI-252 cards not included. Ethernet on board for programming and remote maintenance, compatible with Detnov Cloud and Modbus IP. Optional card for FAD-AUXBAT external power supply connection to extend the autonomy of the system. Metal box. Multilingual. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (not included). Dimensions: 533 x 453 x 212 mm.



CAD-250-P

Modular addressable fire alarm control panel with built-in printer, expandable up to 32 loops, by means of additional 2 loops cards (TBUD-250) and extension boxes (CAD-250-B). It does not incorporate detection loops. 10" touch screen with graphic management. 2048 programmable zones, 256 areas and 1024 groups. 1.000.000 event history logs, free configuration and maintenance software, USB and Ethernet configuration ports, 2 supervised sounder outputs, 2 free relay outputs and 1 technical input. Auxiliary output of 24V 500 mA. Able to be networked up to 64 control panels (T-Network) through TMB-252 or TMBFI-252 cards not included. Ethernet on board for programming and remote maintenance, compatible with Detnov Cloud and Modbus IP. Optional card for FAD-AUXBAT external power supply connection to extend the autonomy of the system. Metal box. Multilingual. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (not included). Dimensions: 533 x 453 x 212 mm.

Modular addressable control panels accessories - VESTA series



CAD-250-B

Expansion box up to 8 loops, by means of additional 2 loops cards (TBUD-250) for modular addressable control panels CAD-250. 2 supervised sounder outputs and 2 free relay outputs. Auxiliary output of 24V 500 mA. Requires 2 batteries (not included). Dimensions: 533 x 453 x 212 mm



TBUD-250

2-loop microprocessed expansion card (500 addresses). 250 addresses per loop (detectors, modules, sounders or manual call points). Connectable to CAD-250 addressable control panels.



TOT-250

Totem mounting accessory for CAD-250 addressable control panels. Necessary when CAD-250-B expansion boxes need to be installed.



TMB-252

Communication card for addressable control panels VESTA series. Includes Ethernet port, RS485 output for network connection T-Network (64 nodes), 2 x RS485 for Modbus integration, RS232 output for serial printer. Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes.



TMBFI-252

Multimode fiber optic communication card for control panels VESTA series. Includes Ethernet port, RS485 output for network connection T-Network (64 nodes), 2 x RS485 for Modbus integration, RS232 output for serial printer. Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes.



FAD-AUXBAT

Expansion kit for external power supply supervision to CAD-151 and VESTA control panels. For extending the autonomy up to 72 Ah. It can be used in conjunction with STX2410 power supplies and BATT-BOX-65-BLACK



SER-FIBER-SM-SC

Single mode fiber optic to bidirectional RS-485 converter. SC connector type. Maximum distance up to 20 Km using single mode fiber optic cable. An external power supply is included. Power supply 12Vdc to 48Vdc.



TCD-109

Communication transmitter kit, EN 54-21 approved (KIT-FB2-D). Includes TMB-252 communication card and BOX-ONE. Compatible with VESTA series



SCD-250

CAD-250 control panel configuration software for commissioning and maintenance. USB or Ethernet cable connection.

Repeater addressable system - VESTA series



CAD-250-R

Bidirectional repeater of the VESTA series addressable system, allows the control of 64 nodes on T-Network. Shows control panels events. Network installation on ring or bus. 10" 10" graphical touchscreen with graphic management. Includes RS485 communication. Network drivers on board by default. Certificate EN 54-13. ABS plastic cabinet with flush mounting capabilities. Dimensions: 282 x 240 x 102mm. Power supply at 220V a.c.



CAD-250-R-24

Bidirectional repeater of the CAD-250 series addressable system, allows the control of 64 nodes on T-Network. Shows control panels events. Network installation on ring or bus. 10" 10" graphical touchscreen with graphic management. Includes RS485 communication. Network drivers on board by default. ABS plastic cabinet with flush mounting capabilities. EN 54-13 listed. Dimensions: 282 x 240 x 102mm. Power supply at 24Vdc.

Addressable control panels - CAD-151 series



CAD-151-1-MINI

Non-expandable 1-loop addressable fire alarm control panel. Maximum capacity of 100 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs, 2 voltage-free relay outputs configurable on board and 1 technical input. Supports Loop+ up to 750 mA per loop and advanced loop reading capabilities. LCD graphic display. 24V auxiliary output. ABS plastic casing for wall mounting and even prepared to be embedded into it. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL-CAN, TED-151-1PE-CAN, TMB-251-CAN or TCD-107NG KIT cards. Optional card for FAD-AUXBAT external power supply connection to expand up to 72 h power backup. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (12Ah) not included. Dimensions: 436 x 270 x 125 mm.



CAD-151-1

Non-expandable 1-loop addressable fire alarm control panel. Maximum capacity of 250 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs, 2 voltage-free relay outputs configurable on board and 1 technical input. Supports Loop+ up to 750 mA per loop and advanced loop reading capabilities. LCD graphic display. 24V auxiliary output. ABS plastic casing for wall mounting and even prepared to be embedded into it. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL-CAN, TED-151-1PE-CAN, TMB-251-CAN or TCD-107NG KIT cards. Optional card for FAD-AUXBAT external power supply connection to expand up to 72 h power backup. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (12Ah) not included. Dimensions: 436 x 270 x 125 mm.



CAD-151-2

Non-expandable 2-loop addressable fire alarm control panel. Maximum capacity of 500 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs, 2 voltage-free relay outputs configurable on board and 1 technical input. Supports Loop+ up to 750 mA per loop and advanced loop reading capabilities. LCD graphic display. 24V auxiliary output. ABS plastic casing for wall mounting and even prepared to be embedded into it. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL-CAN, TED-151-1PE-CAN, TMB-251-CAN or TCD-107NG KIT cards. Optional card for FAD-AUXBAT external power supply connection to expand up to 72 h power backup. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (12Ah) not included. Dimensions: 436 x 270 x 125 mm.

Addressable control panels accessories - CAD-151 series

NEW



TMB-251-CAN

Communication card for addressable control panels CAD-151. Includes Ethernet port, RS485 output for network connection S-Network (32 nodes). Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes. Compatible with Detnov Cloud, supports Remote Center Application (SGD-RCD) and supports 5 ModBus connection. Modbus TCP-IP ethernet port for third party system integration.

NEW



TED-151-1PE-CAN

Communication card with RS485 port and TCP/IP port for addressable control panels CAD-151. Integration via Modbus IP port. It allows remote maintenance and remote control of fire detection control panels through the Detnov Cloud application and the SGD-RCD (Remote Center) bidirectional management and control software. Allows transmission to CMS through a KIT-FB2-D transmitter.

NEW



TED-151-CL-CAN

TCP/IP communication card for addressable control panels CAD-151. It allows remote maintenance and remote control of fire detection control panels through the Detnov Cloud application.

NEW



TCD-107NG

Kit consisting of EN 54-21 certified communication transmitter (FB2-D KIT) and TED-151-1PE-CAN communication card. For CAD-151 addressable control panels for stand-alone control panels.

NEW



TCD-108NG

Kit consisting of EN 54-21 certified communication transmitter (FB2-D KIT) and TMB-251-CAN communication card. For CAD-151 addressable control panels (with S-Network control capability).

NEW



FAD-AUXBAT

Expansion kit for external power supply supervision to CAD-151 and VESTA control panels. For extending the autonomy up to 72 Ah. It can be used in conjunction with STX2410 power supplies and BATT-BOX-65-BLACK

Card ref.	Detnov Cloud	Remote Center - RCD		Integration & BMS	
		CAD-151	CAD-151	S-Network	ARC
			Modbus IP		
TED-251-CL-CAN	✓	✓	✓	✗	✗
TED-151-1PE-CAN	✓	✓	✓	✗	✓
TMB-251-CAN	✓	✓	✓	✓	✓

Addressable control panels - CAD-150 series



CAD-150-1-MINI

Non expandable 1 loop and compact addressable fire alarm control panel. Up to 100 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis function. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 voltage-free relay outputs configurable on board. LCD graphic display. 24V 500 mA auxiliary output. ABS plastic cabin with the possibility of recessing. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (7.2Ah) not included. Dimensions: 430 x 268 x 109 mm.



CAD-150-1

Non expandable 1 loop and compact addressable fire alarm control panel. Up to 250 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis function. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 voltage-free relay outputs configurable on board. LCD graphic display. 24V 500 mA auxiliary output. ABS plastic cabin with the possibility of recessing. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (7.2Ah) not included. Dimensions: 430 x 268 x 109 mm.



CAD-150-2

Non expandable 2 loops and compact addressable fire alarm control panel. Up to 500 addresses (detectors, modules, sounders or manual call points). Self-search and self-diagnosis function. 250 programmable zones, 20 alarm and fault display zones via LEDs, 6.000 event log, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 voltage-free relay outputs configurable on board. LCD graphic display. 24V 500 mA auxiliary output. ABS plastic cabin with the possibility of recessing. Multilingual keyboard. Connectable to S-Network (up to 32 nodes) of control panels and repeaters via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. CPR EN 54-2, EN 54-4 and EN 54-13 certified. Requires 2 batteries (7.2Ah) not included. Dimensions: 430 x 268 x 109 mm.



CAD-150-2-MB

Non expandable 2 loops and compact addressable fire alarm control panel. Up to 500 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 6.000 event history logs, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 configurable relay outputs. Graphic LCD display. Auxiliary output of 24V 500 mA. Metal box. Multilingual keyboard. Able to be networked to S-Network (32 nodes) via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (12Ah) not included. Dimensions: 430 x 360 x 120 mm.



CAD-150-4

Non expandable 4 loops and compact addressable fire alarm control panel. Up to 1.000 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 6.000 event history logs, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 configurable relay outputs. Graphic LCD display. Auxiliary output of 24V 500mA. Metal box. Multilingual keyboard. Able to be networked to S-Network (32 nodes) via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (12Ah) not included. Dimensions: 430 x 360 x 120 mm.



CAD-150-8

Addressable fire alarm control panel with 4 loops expandable up to 8 loops, by means of 2 additional loops cards (TBUD-150). Up to 2,000 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Auto-search function, 250 programmable zones, 40 alarm and fault display zones via leds, 6.000 event history logs, free configuration and maintenance software, USB port configuration, 2 supervised sounder outputs and 2 free relay outputs. Graphic LCD display. Auxiliary output of 24V 500 mA. Able to be networked to S-Network (32 nodes) via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. Metal box, multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (18Ah) not included. Dimensions: 525 x 450 x 120 mm.



CAD-150-8-PLUS

Addressable fire alarm control panel with 4 loops expandable up to 8 loops, by means of 2 additional loops card (TBUD-150). Up to 2,000 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Auto-search function, 250 programmable zones, 40 alarm and fault display zones via leds, 6.000 event history logs, free configuration and maintenance software, USB port configuration, 2 supervised sounder outputs and 2 free relay outputs. Graphic LCD display. Auxiliary output of 24V 500 mA. Able to be networked to S-Network (32 nodes) via RS485 or fiber optics. Modbus output for integrations, Contact-ID for connection to CMS, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control) via TED-151-CL, TED-151-2PE, TMB-251, TMB-251-LT, TCD-107 KIT or TCD-108 KIT cards. Metal box, multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (24Ah) not included. Dimensions: 525 x 450 x 200 mm.

Addressable control panels with printer - CAD-150 series



CAD-150-4-P

Addressable fire alarm control panel with 4 loops non expandable with printer built-in. Up to 1.000 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Self-search and self-diagnosis functions. 250 programmable zones, 6.000 event history logs, free configuration and maintenance software, configuration via USB port, 2 supervised sounder outputs and 2 configurable relay outputs. Graphic LCD display. Auxiliary output of 24V 500mA. Modbus output for integrations, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control). Contact-ID for connection to CMS via FB2 KIT transmitter. Metal box. Multilingual keyboard. Includes TMB-251 communication card for connection to the network S-Network (32 nodes) of control panels and repeaters through RS485. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (12Ah) not included. Dimensions: 430 x 360 x 120 mm.



CAD-150-8-P

Addressable fire alarm control panel with 4 loops expandable up to 8 loops with printer built-in, by means of 2 additional loops cards (TBUD-150). Up to 2,000 addresses (250 addresses per loop: detectors, modules, sounders or manual call points). Auto-search function, 250 programmable zones, 40 alarm and fault display zones via leds, 6.000 event history logs, free configuration and maintenance software, USB port configuration, 2 supervised sounder outputs and 2 free relay outputs. Graphic LCD display. Auxiliary output of 24V 500 mA. Modbus output for integrations, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control). Contact-ID for connection to CMS via FB2 KIT transmitter. Metal box, multilingual keyboard. Includes TMB-251 communication card for connection to the network S-Network (32 nodes) of control panels and repeaters through RS485. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (18Ah) not included. Dimensions: 525 x 450 x 120 mm.



CAD-150-8-PLUS-P

Addressable fire alarm control panel with 4 loops expandable up to 8 loops with printer built-in, by means of 2 additional loops card (TBUD-150). Up to 2,000 addresses (250 f addresses per loop: detectors, modules, sounders or manual call points). Auto-search function, 250 programmable zones, 40 alarm and fault display zones via leds, 6.000 event history logs, free configuration and maintenance software, USB port configuration, 2 supervised sounder outputs and 2 free relay outputs. Graphic LCD display. Auxiliary output of 24V 500 mA. Modbus output for integrations, compatible with Detnov Cloud and Detnov Remote Center (remote maintenance and remote control). Contact-ID for connection to CMS via FB2 KIT transmitter. Metal box, multilingual keyboard. Includes TMB-251 communication card for connection to the network S-Network (32 nodes) of control panels and repeaters through RS485. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Requires 2 batteries (24Ah) not included. Dimensions: 525 x 450 x 200 mm.

Addressable repeaters - CAD-150 and CAD-151 series



CAD-150-R-LT

Bidirectional repeater for addressable CAD-150 and CAD-151 series. Allows the remote supervision control of a fire alarm control panel networked (S-Network) up to 32 nodes. It shows the same incidences reflected in the control panel. It can be added in ring or bus networks configurations. LCD display and 4 control keys (reset, mute buzzer, mute sounders and activate sounders). Includes RS485 communication card (TMB-251-LT for S-Network). ABS plastic casing for wall mounting and even prepared to be embedded into it. Requires 230Vac and 2 batteries (7.2Ah) not included. EN 54-13 certified. Dimensions: 443 x 268 x 109 mm.

Addressable control panels accessories - CAD-150 series



TBUD-150

2 loops microprocessor expansion card (500 addresses). 250 addresses per loop (detectors, modules, sounders and manual call points). To be used in CAD-150-8 and CAD-150-8-PLUS.



TED-151-CL

TCP / IP communication card for conventional CCD-100 or addressable CAD-150 control panels. Remote monitoring and control of the fire alarm control panel through Detnov Cloud application, access through Remote Center SGD-RCD and supports 5 ModBus connections.



TED-151-2PE

TCP / IP, RS485 communication card for conventional CCD-100 or addressable CAD-150 control panels. Remote monitoring and control of the fire alarm control panel through Detnov Cloud application, access through the Remote Center SGD-RCD and supports till 5 ModBus connections. Include two serial ports for extended requirements like ModBus RTU.



TMB-251-LT

Communication card for addressable control panels CAD-150. Includes Ethernet port, RS485 output for network connection S-Network (32 nodes). Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes. Compatible with Detnov Cloud, access through Remote Center SGD-RCD and supports 5 ModBus connections.



TMB-251

Communication card for addressable control panels CAD-150. Includes Ethernet port, RS485 output for network connection S-Network (32 nodes), 2 x RS485 for Modbus integration, RS232 output for serial printer. Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes. Integration with Detnov Cloud, access through Remote Center SGD-RCD and supports 5 ModBus connections.



TMBFI-251

Fiber optic communication card for addressable control panels CAD-150. Includes Ethernet port, RS485 output for network connection S-Network (32 nodes), 2 x RS485 for Modbus integration, RS232 output for serial printer. Includes electric isolation circuit between nodes. 1.000 meters maximum distance between nodes. Integration with Detnov Cloud, access through Detnov Remote Contrl SGD-RCD and supports 5 ModBus connections.

Card ref.	Detnov Cloud	Remote Center - RCD		Integration & BMS				S-Network	Printer
		CAD-150	CCD-100	CAD-150		CCD-100			
				ModBus IP	Modbus RTU	ModbusIP	Modbus RTU		
TED-151-CL	✓	✓	✗	✓	✗	✓	✗	✗	✗
TED-151-2PE	✓	✓	✗	✓	✓	✓	✓	✗	✗
TMB-251-LT	✓	✓	✗	✓	✗	✗	✗	✓	✗
TMB-251	✓	✓	✗	✓	✓	✗	✗	✓	✓

Addressable control panels accessories - CAD-150 and CAD-151 series



KIT-FB2-D

EN 54-21 certified GPRS and TCP IP to CRA transmitter. Contact ID protocol to transmit alarm and fault events. Compatible with the range of addressable control panels CAD-150 series and conventional control panels of the CCD-100 series. Includes box. Requires TED-151-2PE or TMB-251 communication card. It transmits at the level of the detection point or zone. Power supply at 24V. EN 54-21 certified. Dimensions: 130 x 175 x 75 mm



TCD-107

Kit consisting of EN 54-21 certified communication transmitter (FB2-D KIT) and TED-151-2PE communication card. For CAD-150 addressable control panels (without network capability) and conventional CCD-100 control panels.



TCD-108

Kit consisting of EN 54-21 certified communication transmitter (FB2-D KIT). Includes TMB-251 communication card. For CAD-150 addressable control panels (with S-Network control capability).



PGD-300

Hand-held analyzer and loop address programmer for 200A addressable detectors range 400 and 500 series devices (modules, manual call points and sounders). Allows the display of the device address, analog value of the detectors and consecutive address programming and full loop auto-addressing. Includes 4 AA batteries offering till 48h of service and power supply for programming devices also without batteries.



SER-FIBER-SM-SC

Single mode fiber optic to bidirectional RS-485 converter. SC connector type. Maximum distance up to 20 Km using single mode fiber optic cable. An external power supply is included. Power supply 12Vdc to 48Vdc.



CUSB-150

Standard USB configuration cable for PC connection to CAD-150, CAD-151 and CAD-250 addressable control panels.



SCD-150

CAD-150 and CAD-151 series addressable control panels range configuration, commissioning and maintenance software. PC connection via USB cable.



SGD-RCD

Remote Center software application for CAD-150 and CAD-151 series addressable control panels. PC application for service remote panel access via TCP / IP link. The panel must include a TED-151-2PE, TMB-251, TED-151-1PE-CAN or a TMB-251-CAN communication card.

Addressable detectors



DOD-220A

Addressable smoke detector, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7. Dimensions: 100 x 40 mm.



DOTD-230A

Addressable smoke & heat detector, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificates EN 54-5 and EN 54-7. Dimensions: 100 x 40 mm.



DTD-210A

Addressable heat (58°C fixed temperature and thermal rate of rise) detector, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Allows installation without polarity. Requires base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.



DTD-215A

Addressable high temperature detector (fixed at 78°C), with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Allows installation without polarity. Requires base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.

Addressable detectors with built-in isolator



DOD-220A-I

Addressable smoke detector with built-in isolator, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7 and EN 54-17. Dimensions: 100 x 40 mm.



DOTD-230A-I

Addressable smoke & heat detector with built-in isolator, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificates EN 54-5, EN 54-7 and EN 54-17. Dimensions: 100 x 40 mm.



DTD-210A-I

Addressable heat (58°C fixed temperature and thermal rate of rise) detector with built-in isolator, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Requires base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-17. Dimensions: 100 x 40 mm.



DTD-215A-I

Addressable high temperature detector (fixed at 78°C) with built-in isolator, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. White color. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-17. Dimensions: 100 x 40 mm.

Addressable detectors (black)



DOD-220A-B

Addressable smoke detector, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7. Dimensions: 100 x 40 mm.



DOTD-230A-B

Addressable smoke & heat detector, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificates EN 54-5 and EN 54-7. Dimensions: 100 x 40 mm.



DTD-210A-B

Addressable heat (58°C fixed temperature and thermal rate of rise) detector, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Allows installation without polarity. Requires base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.



DTD-215A-B

Addressable high temperature detector (fixed at 78°C), with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.

Addressable detectors with built-in isolator (black)



DOD-220A-I-B

Addressable smoke detector with built-in isolator, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7 and EN 54-17. Dimensions: 100 x 40 mm.



DOTD-230A-I-B

Addressable smoke & heat detector with built-in isolator, with dirtiness compensation and algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificates EN 54-5, EN 54-7 and EN 54-17. Dimensions: 100 x 40 mm.



DTD-210A-I-B

Addressable heat (58°C fixed temperature and thermal rate of rise) detector with built-in isolator, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Requires base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-17. Dimensions: 100 x 40 mm.



DTD-215A-I-B

Addressable high temperature detector (fixed at 78°C) with built-in isolator, with algorithm verification. Led status indicator and output for remote indicator PAD-20 or buzzer BUD-200. Black color. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-17. Dimensions: 100 x 40 mm.

Addressable detectors accessories



Z-200

Connection base for 200 and 200A series detectors. It has an anti-theft detector system. Stainless steel contacts. White color. Dimensions: 5 x 100 mm.



Z-200-H

Deep connection base for 200 and 200A series detectors. It has an anti-theft detector system. Stainless steel contacts. Ceiling mounted with conduit entries for standard 20mm conduit. White color. Dimensions: 43 x 100 mm. Provide extra height of 25 mm.



STD-200

Euro-mounting base for Z-200 connection base. It allows the connection base to be ceiling mounted with conduit entries for standard 20mm conduit. White color. Dimensions 30 x 100 mm.



Z-200-B

Connection base for 200-B and 200A-B series detectors. It has an anti-theft detector system. Stainless steel contacts. Black color. Dimensions: 5 x 100 mm.



Z-200-B-H

Deep connection base for 200-B and 200A-B series detectors. It has an anti-theft detector system. Stainless steel contacts. Ceiling mounted with conduit entries for standard 20mm conduit. Black color. Dimensions: 43 x 100 mm. Provide extra height of 25 mm.



STD-200-B

Euro-mounting base for Z-200-B connection base. It allows the connection base to be ceiling mounted with conduit entries for standard 20mm conduit. Black color. Dimensions 30 x 100 mm.



PAD-20

Remote indicator for Detnov detectors. Installed in enclosed or concealed enclosures. 5mA very low consumption. Dimensions: 69mm x 26mm.



PAD-20-B

Remote indicator for Detnov detectors. Installed in enclosed or concealed enclosures. 5mA very low consumption. Dimensions: 69mm x 26mm. Black color.



BUD-200

Buzzer for addressable detectors series 200A. Very low power consumption alarm and high acoustic power.



PINTDET

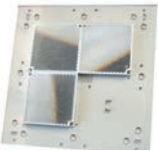
Detector housing and base painted in special colours. Available only on request Minimum quantity 15 pcs.

Addressable linear smoke detector



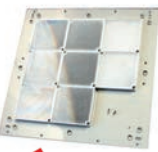
DBD-70A

Addressable motorized beam smoke detector with a range of 70 meters extendable up to 140 or 160 meters by means of extension kits. Separate detector and controller for easy access to programming. IP65 for use in extreme environmental conditions. Loop powered. CPR EN 54-12, EN 54-17, EN 54-18 certified. Dimensions: detector 180 x 155 x 137 mm, controller 185 x 120 x 62mm.



70KIT140

Mid range distance kit for beam detector FIREBEAM. Use this for distances over 70 meters and up to 140 meters.



140KIT160

Long range distance kit for beam detector FIREBEAM. Use this for distances over 140 meters and up to 160 meters.



ADAPTER

Transparent acrylic plate that allows easy mounting of the FireBeam main unit. The holes are pre-drilled to the correct pitch of the main unit and are conveniently positioned for use with the popular Unistrut system using the screws provided.



REF-S

A single reflector for FIREBEAM. Supplied individually. It is supplied as part of the 70KIT140 and 140KIT160 kits.



KIT-DL

Anti-fog kit for FIREBEAM detector. Developed to overcome condensation problems, this kit contains a reflector and lens cover that have been treated with special nano technology finish that will not mist over.



REF-DL

Additional anti-fog reflector. Necessary for installations with a high level of condensation.



WINDOW-AC

Anti-condensation lens cover treated with a special nano technology finish that will not mist over. For FIREBEAM



70KIT140-AC

Mid range distance anti-fog kit for beam detector FIREBEAM. Use this for distances over 70 meters and up to 140 meters.



140KIT160-AC

Long range distance anti-fog kit for beam detector FIREBEAM. Use this for distances over 140 meters and up to 160 meters.



SOP-DL

Adjustable support for reflector of the FIREBEAM detector.

Addressable gas detectors



DGD-600

Natural Gas / City Gas (methane) detector for residential use. 24 Vdc supply required. Maximum consumption: 65 mA. IP32D. Includes alarm buzzer (85db). Standalone or able to be connected to the Detnov addressable loop. Includes alarm relay and fault relay. Conforms to EN 50194-1. Dimensions: 89.6 x 146.5 x 39 mm. Test button. 3 status LEDs: Service, fault and alarm. Wall mounting or DIN rail.



DGD-600-AC

Natural Gas / City Gas (methane) detector for residential use. 230 Vac supply required. Maximum consumption: 65 mA. IP32D. Includes alarm buzzer (85db). Standalone or able to be connected to the Detnov addressable loop. Includes alarm relay and fault relay. Conforms to EN 50194-1. Dimensions: 89.6 x 146.5 x 39 mm. Test button. 3 status LEDs: Service, fault and alarm. Wall mounting or DIN rail.



DGD-620

Liquefied petroleum gases (butane and propane) detector for residential use. 24 Vdc supply required. Maximum consumption: 65 mA. IP32D. Includes alarm buzzer (85db). Standalone or able to be connected to the Detnov addressable loop. Includes alarm relay and fault relay. Dimensions: 89.6 x 146.5 x 39 mm. Test button. 3 status LEDs: Service, fault and alarm. Wall mounting or DIN rail.



DGD-620-AC

Liquefied petroleum gases (butane and propane) detector for residential use. 230 Vac supply required. Maximum consumption: 65 mA. IP32D. Includes alarm buzzer (85db). Standalone or able to be connected to the Detnov addressable loop. Includes alarm relay and fault relay. Dimensions: 89.6 x 146.5 x 39 mm. Test button. 3 status LEDs: Service, fault and alarm. Wall mounting or DIN rail.

Addressable manual call points



MAD-451-I

Addressable manual call point with built-in isolator. LED status indicator and test key. Red color. CPR certificates EN 54-11 and EN 54-17. Dimensions: 85 x 85 x 55 mm.



TBD-450-IW

Protective plastic cover for RP-GS2-02, MAD-451-I, WRP2-R-01.



MAD-450

Addressable manual call point. LED status indicator and test key. Allows installation without polarity. Red color. CPR certificate EN 54-11. Dimensions: 98 x 98 x 48 mm.



MAD-450-I

Addressable manual call point with built-in isolator. LED status indicator and test key. Red color. CPR certificates EN 54-11 and EN 54-17. Dimensions: 98 x 98 x 48 mm.



TBD-450

Protective plastic cover, for indoors PCD-100, MAD-450 or MAD-450-I manual call points.



SMD-450

Manual call point recessing bezel for indoor use, PCD-100, MAD-450 or MAD-450-I. Red color.



BOX-2102

Outdoor box protection for PCD-200, PCD-100, MAD-450 or MAD-450-I manual call points. Valid to prevent vandalism, misuse, situations of involuntary activation of the manual call points, dust, water and inclement weather. It includes a gasket that seals the unit preventing the ingress of dust, dirt and water. IP66. Dimensions: 140 x 170 x 88 mm. Red color.

Addressable sounders & beacons



MAD-461-I

Addressable loop sounder with isolator. Low power consumption, acoustic power 82.5 dB. It takes just one address in the loop. Color red. For indoor use. IP21. CPR certificate EN 54-3 and EN 54-17. Dimensions: 65 x 90 mm.



MAD-464-I

Addressable loop sounder with built-in isolator. Low power consumption. 32 tones and 3 configurable volumes (Low, Medium, High). Acoustic power from 78.3 dBA to 104.6 dBA depending on the selected tone. It takes just one address in the loop. Red color. IP33C. Deep base. CPR certificate EN 54-3 and EN 54-17. Dimensions: 100 x 75 mm.



MAD-465-I

Addressable loop sounder with beacon and built-in isolator. Low power consumption. 32 tones and 3 configurable volumes (Low, Medium, High). Acoustic power 76 dBA to 117 dBA depending on the selected tone. It takes just one address in the loop. Red color. IP33C. Deep base. CPR certificate EN 54-3 and EN 54-17. Dimensions: 100 x 75 mm.



MAD-464-I-W

Addressable loop sounder with built-in isolator. Low power consumption. 32 tones and 3 configurable volumes (Low, Medium, High). Acoustic power from 78.3 dBA to 104.6 dBA depending on the selected tone. It takes just one address in the loop. White color. IP33C. Deep base. CPR certificate EN 54-3 and EN 54-17. Dimensions: 100 x 75 mm.



MAD-465-I-W

Addressable loop sounder with beacon and built-in isolator. Low power consumption. 32 tones and 3 configurable volumes (Low, Medium, High). Acoustic power 76 dBA to 117 dBA depending on the selected tone. It takes just one address in the loop. White color. IP33C. Deep base. CPR certificate EN 54-3 and EN 54-17. Dimensions: 100 x 75 mm.



MAD-564-I

Addressable loop sounder with built-in isolator. Acoustic power 95 dB to 100 dB according with tone and connection mode, 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color red. IP65. Deep base CPR certificate EN 54-3 and EN 54-17. Dimensions: 63 x 118 x 121 mm.



MAD-565-I

Addressable loop sounder with beacon and built-in isolator. Acoustic power 95 dB to 100 dB according with tone and connection mode, 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color red. IP65. Deep base CPR certificate EN 54-3, EN 54-23 and EN 54-17. Coverages W4-9 and W3-7. Dimensions: 63 x 118 x 121 mm.



MAD-564-I-W

Addressable loop sounder with built-in isolator. Low power consumption, acoustic power 95 dB to 100 dB according with tone and connection mode, 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color white. IP65. Deep base CPR certificate EN 54-3 and EN 54-17. Dimensions: 63 x 118 x 121 mm.



MAD-565-I-W

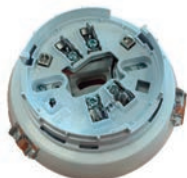
Addressable loop sounder with beacon and built-in isolator. Acoustic power 95 dB to 100 dB according with tone and connection mode, 32 tones and 2 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color white. IP65. Deep base CPR certificate EN 54-3, EN 54-23 and EN 54-17. Coverages W4-9 and W3-7. 63 x 118 x 121 mm.

Addressable



MAD-567-I

Addressable loop sounder base with built-in isolator. 200A series detector compatible. CPR. Acoustic power up to 92 dB according with tone and connection mode , 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color white. CPR certificate EN 54-3 and EN 54-17. Dimensions: 130 mm ø x 28 mm.



MAD-569-I

Addressable loop sounder base with beacon and built-in isolator. 200A series detector compatible. CPR. Acoustic power up to 92 dB according with tone and connection mode , 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color white. CPR certificate EN 54-3, EN 54-23 and EN 54-17. Coverages C3-15 and C3-9 Dimensions: 130 mm ø x 28 mm.



MAD-567-I-B

Addressable loop sounder base with built-in isolator. 200A series detector compatible. CPR. Acoustic power up to 92 dB according with tone and connection mode , 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color black. CPR certificate EN 54-3 and EN 54-17. Dimensions: 130 mm ø x 28 mm.



MAD-569-I-B

Addressable loop sounder base with beacon and built-in isolator. 200A series detector compatible. CPR. Acoustic power up to 92 dB according with tone and connection mode , 32 tones and 4 optional volumes. It takes just one address in the loop. It can be powered through the loop or by an external power supply EN 54-4. Color black. CPR certificate EN 54-3, EN 54-23 and EN 54-17. Coverages C3-15 and C3-9 Dimensions: 130 mm ø x 28 mm.



MAD-472

Addressable sounder base. 200A series detector compatible. CPR Certified EN 54-3. Acoustic power: 80dB. Indoor use. IP21C. It takes just one address in the loop. Dimensions: 150 x 100 mm.



MAD-473

Addressable sounder base with beacon. 200A series detector compatible. CPR Certified EN 54-3. Acoustic power: 80dB. Indoor use. IP21C. It takes just one address in the loop. Dimensions: 150 x 100 mm.



MAD-472-B

Addressable sounder base. 200A series detector compatible. CPR Certified EN 54-3. Acoustic power: 80dB. Indoor use. IP21C. It takes just one address in the loop. Dimensions: 150 x 100 mm. Black color.



MAD-473-B

Addressable sounder base with beacon. 200A series detector compatible. CPR Certified EN 54-3. Acoustic power: 80dB. Indoor use. IP21C. It takes just one address in the loop. Dimensions: 150 x 100 mm. Black color.



TBD-470

Protective cap for the MAD-472, MAD-473, MAD-567-I and MAD-569-I sounder bases.



PAD-10A-I

Addressable remote indicator with built-in isolator. Great brightness. It occupies one direction in the loop. Dimensions: 80 x 80 x 27 mm.

Addressable modules



MAD-401

Addressable monitor module with 1 supervised technical input for device status indication providing NC or NO contact. It takes one address in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Non polarity installation. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-402

Addressable monitor module with 2 supervised technical inputs for devices status signaling providing NC or NO contact. It takes two addresses in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Non polarity installation. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-411

Addressable control module for 1 relay output, provides one contact C, NO, NC. It takes one address in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Non polarity installation. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-412

Addressable control module of 2 relay outputs, provides two contacts C, NA, NC non-resettable. It takes two addresses in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Non polarity installation. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-421

Addressable monitor and control module with 1 supervised technical input for status indication of devices that provides NC or NO contact and 1 voltage-free relay output providing non-resettable C, NO, NC contact. It takes two addresses in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Non polarity installation. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-422

Addressable monitor and control module with of 2 supervised technical inputs, for the devices status signaling that provide NC or NO contact and 2 voltage-free relay outputs that provide two non-resettable C, NO, NC contacts. It takes four addresses in the loop. Fed directly from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Non polarity installation. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-431

Addressable control module of 1 monitored 24V output, for the activation of optical-acoustic signaling devices or maneuvers that require power, discriminating the fault of cut or short circuit in said line. It takes one loop address. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Allows installation without polarity. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-432

Addressable control module of 2 supervised 24V outputs, for the activation of optical-acoustic signaling devices or maneuvers that require power, discriminating the fault of cut or short circuit in said line. It takes two loop addresses. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Allows installation without polarity. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.

Addressable



MAD-441

Addressable monitor module of 1 conventional zone, allows connection of up to 20 conventional detectors and / or 32 conventional manual call points. Can identify between detector and manual call point alarm as well as between the fault by cutting or by short circuit of the zone. It takes one loop address. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Allows installation without polarity. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-442

Addressable monitor module of 2 conventional zones, allows the connection of up to 20 conventional detectors and / or 32 conventional manual call points per zone. Can identify between detector and manual call point alarm as well as between the fault by cutting or by short circuit of the zone. It takes two loop addresses. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Allows installation without polarity. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18.



MAD-481

Addressable module with 1 voltage-free relay output of 240 Vac and 5A that provides a non-resettable C, NO, NC contact. It occupies an address in the loop. Direct power from the loop. Includes status indicator LED. Connection by means of removable strips of up to 2.5mm² section. Possibility of being installed on a DIN rail or flat wall mounting in a BOX-ONE box. Consumption less than 300µA at rest. Red color. Dimensions 100 x 82 x 23mm.



MAD-490

Addressable short-circuit protection isolating module, with status LED, which isolates the loop section between two isolators in the event of a short-circuit in the loop. Takes no address in the loop. Direct feed from the loop. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-17.

Addressable modules with built-in isolator



MAD-401-I

Addressable monitor module with built-in isolator of 1 supervised technical input for status indication of equipment providing NC or NO contact. It takes one loop address. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-402-I

Addressable monitor module with built-in isolator of 2 supervised technical inputs for status indication of equipment providing NC or NO contact. It takes two loop addresses. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-411-I

Addressable control module with built-in isolator of 1 voltage-free relay output providing non-resettable C, NO, NC contact. It takes one loop address. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-412-I

Addressable control module with built-in isolator of 2 relay outputs free of voltage that provides two contacts C, NO, NC non-resettable. It takes two loop addresses. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-400. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-421-I

Addressable monitor and control module with built-in isolator of 1 supervised technical input for the status signaling of equipment that provides NC or NO contact and 1 voltage-free relay output providing non-resettable C, NO, NC contact. It takes two loop addresses. Direct feed from the loop. LED status indicators. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-422-I

Addressable monitor module and control with built-in isolator of 2 supervised technical inputs for the status signaling of equipment that provide NC or NO contact and 2 voltage-free relay outputs providing two non-resettable C, NO, NC contacts. It occupies four directions in the loop. Direct feed from the loop. LED status indicators. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-431-I

Addressable control module with built-in isolator of 1 monitored 24V output, for the activation of optical-acoustic signaling devices or maneuvers that require power, discriminating the breakdown or short-circuit fault in said line. It takes one loop address. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-432-I

Addressable control module with built-in isolator of 2 supervised 24V outputs, for the activation of optical-acoustic signaling devices or maneuvers requiring power, discriminating the breakdown or short-circuit fault in said line. It takes two loop addresses. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-441-I

Addressable monitor module with built-in isolator of 1 conventional zone, allows the connection of up to 20 conventional detectors and / or 32 conventional manual call points. Can identify between detector and manual call point alarm as well as between the fault by cutting or by short circuit of the zone. It takes one loop address. Requires 24 Vdc auxiliary power supply. LED status indicator. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-442-I

Addressable monitor module with built-in isolator of 2 conventional zones, allows the connection of up to 20 conventional detectors and / or 32 conventional manual call points per zone. Can identify between detector and manual call point alarm as well as between the fault by cutting or by short circuit of the zone. It takes two loop addresses. Requires 24 Vdc auxiliary power supply. LED status indicators. Connection through removable strips up to 2.5mm² section. Possibility of being installed in DIN rail or flat to wall mounting in box BOX-ONE. Consumption less than 300µA at rest. Red color. Dimensions: 100 x 82 x 23 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-405-I

Addressable monitor module with built-in isolator of 5 supervised technical inputs for status indication of equipment providing NC or NO contact. It takes five loop addresses. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-409-I

Addressable monitor module with built-in isolator of 10 supervised technical inputs for status indication of equipment providing NC or NO contact. It takes ten loop addresses. Direct feed from the loop. LED status indicator. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.

Addressable



MAD-415-I

Addressable control module with built-in isolator of 5 relay outputs free of voltage that provides two contacts C, NO, NC non-resettable. It takes five loop addresses. Requires external 24 Vdc power. LED status indicator. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-419-I

Addressable control module with built-in isolator of 10 relay outputs free of voltage that provides two contacts C, NO, NC non-resettable. It takes ten loop addresses. Requires external 24 Vdc power. LED status indicator. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-425-I

Addressable monitor module and control with built-in isolator of 5 supervised technical inputs for the status signaling of equipment that provide NC or NO contact and 5 voltage-free relay outputs providing two non-resettable C, NO, NC contacts. It occupies 10 addresses in the loop. Requires external 24 Vdc power. LED status indicators. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.



MAD-429-I

Addressable monitor module and control with built-in isolator of 10 supervised technical inputs for the status signaling of equipment that provide NC or NO contact and 10 voltage-free relay outputs providing two non-resettable C, NO, NC contacts. It occupies 20 addresses in the loop. Requires external 24 Vdc power. LED status indicators. Connection through removable strips up to 2.5mm² section. Includes mounting box. Dimensions: 172 x 170 x 48 mm. CPR certificate EN 54-18 and EN 54-17.

Accessories for addressable modules



BOX-ONE

Transparent box for installation of one addressable module of the MAD-400 series. Dimensions: 172 x 170 x 48 mm.



BOX-SIX

Transparent box for installation of addressable modules of the MAD-400 series. Maximum capacity of 6 modules. Dimensions: 172 x 170 x 110 mm.

Graphical monitoring software for Detnov control panels



SGD-151-1-CCD

Graphic software license for one conventional control panel. Control, supervision and management of the fire detection installation in graphic environment (PC).



SGD-151-E-CCD

Additional graphic software license for one conventional control panel. Control, supervision and management of the fire detection installation in graphic environment (PC).



SGD-151-1-2L

Graphic software license for one addressable control panel series with up to 2 loops. Control, supervision and management of the fire detection installation in graphic environment (PC). SGD graphical monitoring software supports till 5 slave (PC) substations.



SGD-151-E-2L

Additional graphic software license for 2 added loops on one addressable control panel series. Control, supervision and management of the fire detection installation in graphic environment (PC). SGD graphical monitoring software supports till 5 slave (PC) substations.



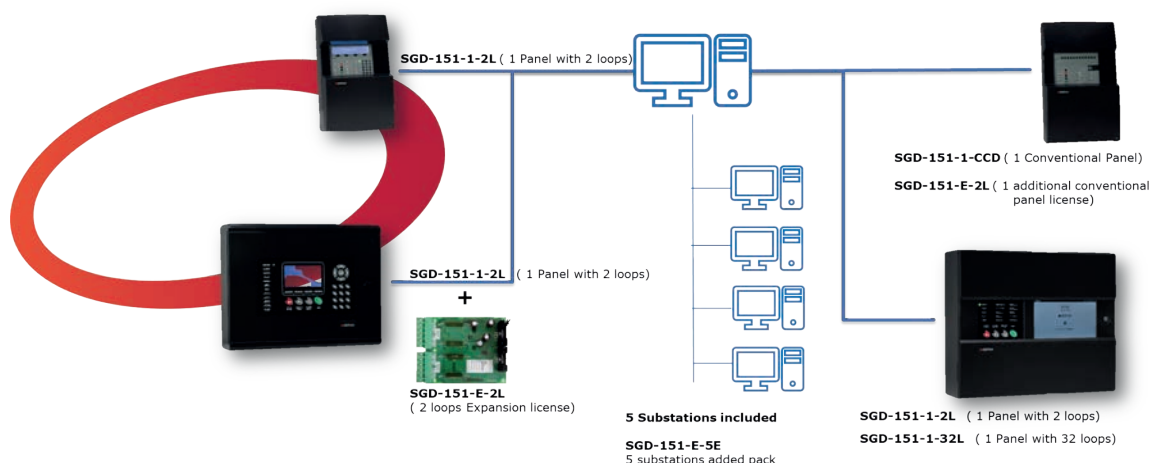
SGD-151-1-32L

Graphic software license for one addressable control panel series with up to 32 loops. Control, supervision and management of the fire detection installation in graphic environment (PC). SGD graphical monitoring software supports till 5 slave (PC) substations.



SGD-151-E-5E

Monitoring software license extension for 5 additional slave stations.



Conventional control panels - ECO series



CCD-020

Conventional fire alarm control panel for 2 zones mounted on ABS plastic housing. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. It has 2 configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption). Sounder output delay configurable on board. Multilingual keyboard. CPR certificate EN 54-2 and EN 54-4. Dimensions: 282 x 240 x 102 mm. Requires 2 batteries (2.3Ah) not included.



CCD-040

Conventional fire alarm control panel for 4 zones mounted on ABS plastic housing. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. It has 2 configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption). Sounder output delay configurable on board. Multilingual keyboard. CPR certificate EN 54-2 and EN 54-4. Dimensions: 282 x 240 x 102 mm. Requires 2 batteries (2.3Ah) not included.

Conventional control panels - CCD-100 series



CCD-102

Conventional fire alarm control panel for 2 zones mounted on ABS plastic housing. Flush mount option. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. Possibility to connect to PC via USB for complex programming. Integrable to addressable systems directly to the loop. It has 2 configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption) and 1 programmable external input. TSD100: 4 supervised sounder outputs, TMD-100: Modbus output for integrations, TPLD-100: integration to addressable loop. Tele maintenance and remote control through TED-151-CL (Detnov Cloud) or TED-151-2PE card (Detnov Cloud and ModBus). Multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Dimensions: 443 x 268 x 109 mm. Requires 2 batteries (7,2 Ah) not included.



CCD-104

Conventional fire alarm control panel for 4 zones mounted on ABS plastic housing. Flush mount option. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. Possibility to connect to PC via USB for complex programming. Integrable to addressable systems directly to the loop. It has two configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption) and 1 external input programmable. TSD100: 4 supervised sounder outputs, TMD-100: Modbus output for integrations, TPLD-100: integration to addressable loop. Tele maintenance and remote control through TED-151-CL (Detnov Cloud) or TED-151-2PE card (Detnov Cloud and ModBus). Multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Dimensions: 443 x 268 x 109 mm. Requires 2 batteries (7.2 Ah) not included.



CCD-108

Conventional fire alarm control panel for 8 zones mounted on ABS plastic housing. Flush mount option. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. Possibility to connect to PC via USB for complex programming. Integrable to addressable systems directly to the loop. It has two configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption) and 1 external input programmable. TSD100: 4 supervised sounder outputs, TMD-100: Modbus output for integrations, TPLD-100: integration to addressable loop. Tele maintenance and remote control through TED-151-CL (Detnov Cloud) or TED-151-2PE card (Detnov Cloud and ModBus). Multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Dimensions: 443 x 268 x 109 mm. Requires 2 batteries (7.2Ah) not included.



CCD-112

Conventional fire alarm control panel for 12 zones mounted on ABS plastic housing. Flush mount option. Discriminates between detector alarm and manual call points alarm. Up to 32 detectors per zone. Possibility to connect to PC via USB for complex programming. Integrable to addressable systems directly to the loop. It has two configurable supervised sounder outputs (500 mA each output), alarm and fault relay outputs free of voltage, auxiliary 24V output (500 mA maximum consumption), 24V resettable output (500 mA maximum consumption) and 1 external input programmable. TSD100: 4 supervised sounder outputs, TMD-100: Modbus output for integrations, TPLD-100: integration to addressable loop. Tele maintenance and remote control through TED-151-CL (Detnov Cloud) or TED-151-2PE card (Detnov Cloud and ModBus). Multilingual keyboard. CPR certificate EN 54-2, EN 54-4 and EN 54-13. Dimensions: 443 x 268 x 109 mm. Requires 2 batteries (7.2Ah) not included.

Accessories for conventional control panels - CCD-100 series



TRD-100

Expansion card of 4 free voltage relay outputs for conventional CCD-100 control panels. Maximum load: 10A at 30Vdc. Maximum 3 cards per control panel. Programmable via SWD-100 software.



TSD-100

4 supervised sounder outputs card, for conventional CCD-100 control panels, allowing four independent sounder outputs. Maximum load: 500 mA per output. Maximum 3 cards per control panel. Programmable via SWD-100 software.



TMD-100

RS485 communication card for integration to a network using the Modbus protocol, for conventional CCD-100 panels. Allows remote control of the main functions of the control fire panel and integrate it with third parties.



TPLD-100

Addressable loop gateway card for conventional CCD-100 and CCD-103 panels range. Allows alarms and faults communication from the conventional control panel to the addressable loop of CAD-150, CAD-151 and CAD-250 series.



TED-151-CL

TCP / IP communication card for conventional CCD-100 or addressable CAD-150 control panels. Remote monitoring and control of the fire alarm control panel through Detnov Cloud application, access through Remote Center SGD-RCD and supports 5 ModBus connections.



TED-151-2PE

TCP / IP, RS485 communication card for conventional CCD-100 or addressable CAD-150 control panels. Remote monitoring and control of the fire alarm control panel through Detnov Cloud application, access through the Remote Center SGD-RCD and supports till 5 ModBus connections. Include two serial ports for extended requirements like ModBus RTU.



TCD-107

Kit consisting of EN 54-21 certified communication transmitter (FB2-D KIT) and TED-151-2PE communication card. For CAD-150 addressable control panels (without network capability) and conventional CCD-100 control panels.



CCC-100

USB configuration cable for the conventional CCD-100 range and CCD-103 extinguishing panel connection to a PC.



SWD-100

Conventional control panel CCD-100 series configuration software. PC Connection via CCC-100 cable.

Conventional detectors



DOD-220

Conventional smoke detector. Led status indicator and output for remote indicator PAD-20. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7. Dimensions: 100 x 40 mm.



DOTD-230

Conventional smoke and heat detector. Led status indicator and output for remote indicator PAD-20. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-7. Dimensions: 100 x 40 mm.



DTD-210

Conventional heat detector (58°C fixed temperature and thermal rate of rise). Led status indicator and output for remote indicator PAD-20. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.



DTD-215

Conventional heat detector (fixed temperature 78°C). Led status indicator and output for remote indicator PAD-20. White color. Allows installation without polarity. Requires connection base Z-200 or Z-200-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.

Conventional detectors (black)



DOD-220-B

Conventional smoke detector. Led status indicator and output for remote indicator PAD-20. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-7. Dimensions: 100 x 40 mm.



DOTD-230-B

Conventional smoke and heat detector. Led status indicator and output for remote indicator PAD-20. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5 and EN 54-7. Dimensions: 100 x 40 mm.



DTD-210-B

Conventional heat detector (58°C fixed temperature and thermal rate of rise). Led status indicator and output for remote indicator PAD-20. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.



DTD-215-B

Conventional heat detector (fixed temperature 78°C). Led status indicator and output for remote indicator PAD-20. Black color. Allows installation without polarity. Requires connection base Z-200-B or Z-200-B-H. Anti-theft system (only with Z-200). CPR certificate EN 54-5. Dimensions: 100 x 40 mm.

Accessories for conventional detectors



Z-200

Connection base for 200 and 200A series detectors. It has an anti-theft detector system. Stainless steel contacts. White color. Dimensions: 5 x 100 mm.



Z-200-H

Deep connection base for 200 and 200A series detectors. It has an anti-theft detector system. Stainless steel contacts. Ceiling mounted with conduit entries for standards 20mm conduit. White color. Dimensions: 43 x 100 mm. Provide extra height of 25 mm.



STD-200

Euro-mounting base for Z-200 connection base. It allows the connection base to be ceiling mounted with conduit entries for standards 20mm conduit. White color. Dimensions 30 x 100 mm.



Z-200-R

Connection base with relay output for 200 series detectors. Detector anti-theft system available. Stainless steel contacts. White color. Dimensions: 5 x 100 mm.



Z-200-B

Connection base for 200-B and 200A-B series detectors. It has an anti-theft detector system. Stainless steel contacts. Black color. Dimensions: 5 x 100 mm.



Z-200-B-H

Deep connection base for 200-B and 200A-B series detectors. It has an anti-theft detector system. Stainless steel contacts. Ceiling mounted with conduit entries for standards 20mm conduit. Black color. Dimensions: 43 x 100 mm. Provide extra height of 25 mm.



STD-200-B

Euro-mounting base for Z-200-B connection base. It allows the connection base to be ceiling mounted with conduit entries for standards 20mm conduit. Black color. Dimensions 30 x 100 mm.



STI-9604

Galvanized steel cage coated with white polyester for the protection of fire detectors 200 series. It protects against accidental or malicious blows that could damage the correct functioning of the device.

Conventional



STI-9605

Galvanized steel cage coated with white polyester for the protection of fire detectors 200 series with tube inlet viewed. Protects against accidental or malicious punctures that could damage the correct operation of the device.



PAD-20

Remote indicator for Detnov detectors. Installed in enclosed or concealed enclosures. 5mA very low consumption. Dimensions: 69mm x 26mm.



PAD-20-B

Remote indicator for Detnov detectors. Installed in enclosed or concealed enclosures. 5mA very low consumption. Dimensions: 69mm x 26mm. Black color.



PINTDET

Detector housing and base painted in special colours. Available only on request Minimum quantity 15 pcs.

Conventional manual call points



PCD-200

Conventional manual call point, includes protection cover TBD-200, surface supplement SMD-200 and test key RKEY-200. Surface installation. Suitable for indoor. Red color. Absorption current configuration through resistances of 100 Ohm and 470 Ohm. 2W. Dimensions: 89 x 85 x 60 mm. CPR certificate EN 54-11.



PCD-200-5ST

Pack of 5 PCD-200 manual call points without cover TBD-200, includes SMD-200 surface supplement and RKEY-200 test key, surface mounting. Indoor use. Red. Supports absorption current configuration by means of 100 Ohm and 470 Ohm 2W resistance. Dimensions 89 x 85 x 60 mm. CPR EN 54-11 certified.



TBD-200

Protective plastic cover, for indoor use PCD-200.



SMD-200

Manual call point recessing bezel for indoor use, PCD-200. Red color.



PCD-100

Conventional manual call point, with test key, for surface installation. Suitable for indoor. Red color. Includes resistance of 100 Ohm.-2W. Dimensions: 98 x 98 x 48 mm. CPR certificate EN 54-11.



TBD-450

Protective plastic cover, for indoors PCD-100, MAD-450 or MAD-450-I manual call points.



SMD-450

Manual call point recessing bezel for indoor use, PCD-100, MAD-450 or MAD-450-I. Red color.



WRP2-R-01

IP67 resettable conventional alarm manual call point, with test key, surface mounting. Outdoor use. Red color. Does not include 100 Ohm.-2W resistor. Dimensions 90 x 89 x 72mm. CPR EN 54-11 certified.



RP-GS2-02

Green resettable manual call point for emergencies, surface mounting. Indoor use. Dimensions 98 x 98 x 48mm.



STI-13110ESP

Outdoor protector for PCD-200, PCD-100, MAD-450 and MAD-451-I manual call points. Made of hard and transparent polycarbonate. Recommended to avoid vandalism, misuse, situations of involuntary activation of the call point, dust, water and weather indencies. Includes a seal that seals the unit preventing the entry of dust, dirt and water. IP54. Dimensions: 101 x 126 x 18 mm.



STI-13620FR-ES

Outdoor protector for PCD-200, PCD-100, MAD-450 or MAD-451-I manual call points with sounder. Constructed of hard and transparent polycarbonate. Valid to avoid acts of vandalism, misuse, situations of involuntary activation of the button, dust, water and inclement weather. It incorporates a gasket that seals the unit preventing the entry of dust, dirt and water. IP66/56. Integrated 95 dB sounder, powered by a 9V PP3 battery (included) to warn of the opening of the guard. Dimensions: 138 x 205 x 102mm.



BOX-2102

Outdoor box protection for PCD-200, PCD-100, MAD-450 or MAD-450-I manual call points. Valid to prevent vandalism, misuse, situations of involuntary activation of the manual call points, dust, water and inclement weather. It includes a gasket that seals the unit preventing the ingress of dust, dirt and water. IP66. Dimensions: 140 x 170 x 88 mm. Red color.

Conventional sounders



SCD-100

Indoor alarm sounder. 3 selectable tones. Power at 24Vdc/7mA. IP21. Red color. Acoustic power between 82,5dB. CPR certificate EN 54-3. Dimensions: 65 x 90 mm.



SCD-200

Indoor alarm sounder. 32 selectable tones. Power at 24Vdc / 7mA at 32mA according to tone. IP21C. Red color. Acoustic power 95 up to 100 dB according to tone. CPR certificate EN 54-3. Dimensions: 85x75 mm.



SCD-210

Indoor alarm sounder. 32 selectable tones. Power at 24Vdc / 7mA at 32mA according to tone. IP33C. Red color. Acoustic power 95 up to 100 dB according to tone. CPR certificate EN 54-3. Dimensions: 100 x 75 mm.



SFD-220

Indoor alarm sounder with beacon. 32 selectable tones. Power at 24Vdc / 8mA at 36mA according to tone. IP21C. Red color. Acoustic power 78 up to 116 dB according to tone. CPR certificate EN 54-3. Dimensions: 85 x 75 mm.



SFD-230

Indoor alarm sounder with beacon. 32 selectable tones. Power at 24Vdc / 8mA at 36mA according to tone. IP33C. Red color. Acoustic power 78 to 116 dB according to tone. CPR certificate EN 54-3. Dimensions: 100 x 75 mm.



SCD-200-W

Indoor alarm sounder. 32 selectable tones. Power at 24Vdc / 7mA at 32mA according to tone. IP21C. White color. Acoustic power between 95 and 100 dB according to tone. CPR certificate EN 54-3. Dimensions: 85x75 mm.



SCD-210-W

Indoor alarm sounder. 32 selectable tones. Power at 24Vdc / 7mA at 32mA according to tone. IP33C. White color. Acoustic power between 95 and 100 dB according to tone. CPR certificate EN 54-3. Dimensions: 100 x 75 mm.



SFD-220-W

Indoor alarm sounder with beacon. 32 selectable tones. Power at 24Vdc / 8mA at 36mA according to tone. IP21C. White color. Acoustic power between 78 and 116 dB according to tone. CPR certificate EN 54-3. Dimensions: 85 x 75 mm.



SFD-230-W

Indoor alarm sounder with beacon. 32 selectable tones. Power at 24Vdc / 8mA at 36mA according to tone. IP33. White color. Acoustic power between 78 and 116 dB according to tone. CPR certificate EN 54-3. Dimensions: 100 x 75 mm.



WCW99

Sounder with beacon for indoor use. 32 tones, 2 volumes and 2 selectable covers. Power supply: 10 to 60 Vdc, consumption: 12.5 to 14 mA. IP21. Red color. Acoustic power 98dB at 105 dB according to selected volume. Coverage: W-3-7 (0.5Hz) or W-4-9 (1Hz). CPR Certificate EN 54-3 and EN 54-23. Dimensions: 44 x 118 x 106 mm.



WCW98

Sounder with beacon for outdoor use. 32 tones, 2 volumes and 2 selectable covers. Power supply: 10 to 60 Vdc, consumption: 12.5 to 14 mA. IP65. Red color. Acoustic power 98dB at 105 dB according to selected volume. Coverage: W-3-7 (0.5Hz) or W-4-9 (1Hz). CPR Certificate EN 54-3 and EN 54-23. Dimensions: 44 x 118 x 106 mm.



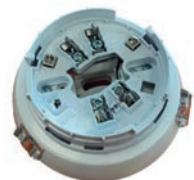
WCW69

Sounder with beacon for indoor use. 32 tones, 2 volumes and 2 selectable covers. Power supply: 10 to 60 Vdc, consumption: 12.5 to 14 mA. IP21. White color. Acoustic power 98dB at 105 dB according to selected volume. Coverage: W-3-7 (0.5Hz) or W-4-9 (1Hz). CPR Certificate EN 54-3 and EN 54-23. Dimensions: 44 x 118 x 106 mm.



WCW68

Sounder with beacon for outdoor use. 32 tones, 2 volumes and 2 selectable covers. Power supply: 10 to 60 Vdc, consumption: 12.5 to 14 mA. IP65. White color. Acoustic power 98dB at 105 dB according to selected volume. Coverage: W-3-7 (0.5Hz) or W-4-9 (1Hz). CPR Certificate EN 54-3 and EN 54-23. Dimensions: 44 x 118 x 106 mm.



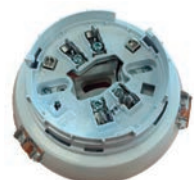
KIT-SBN99

Sounder beacon base kit with detector socket Z-200 pre-assembled. 32 tones, 4 volumes and 2 selectable covers. Power supply: 10 to 40 Vcc, consumption: 12 to 20 mA. White color. Maximum acoustic power 92dB according selectable volume. Coverage: C-3.9x7 (0,5Hz) or C-3x15 (1Hz). Certificate CPR EN 54-3 and EN 54-23. Dimensions: 129 x 27 mm.



KIT-SBN98

Base sounder kit with detector socket Z-200 pre-assembled. 2 selectable covers. Power supply: 10 to 40 Vcc, consumption: 12 to 20 mA. White color. Maximum acoustic power 92dB. Certificate CPR EN 54-3 Dimensions: 129 x 27 mm.



KIT-SBN99-F

Beacon base kit with detector socket Z-200 pre-assembled. 2 selectable covers. Power supply: 10 to 40 Vcc, consumption: 12 to 20 mA. White color. Coverage: C-3.9x7 (0,5Hz) or C-3x15 (1Hz). Certificate CPR EN 54-3 and EN 54-23. Dimensions: 129 x 28 mm.



HOLA F24EN (ENG)

Outdoor alarm sounder with beacon. 24Vdc power supply, consumption: 100 to 400 mA depending on the selected tone. Maximum acoustic power 108.76 dB. For outdoor use IP44. Red color labeled "FIRE". Dimensions 335 x 220 x 85mm. CPR EN54-3 certified.



CBE6-RS-024-EN

Indoor 6" alarm bell. Power supply: 24 Vdc, consumption: 12 mA. IP21C. Maximum acoustic power 67 dB. CPR EN 54-3 certified. Dimensions: Ø 150 x 64 mm.



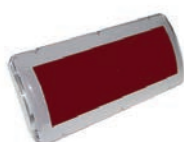
CBE6-RW-024-EN

Outdoor 6" alarm bell. Low-power at 24 Vdc / 12 mA. Red color. IP56. Maximum acoustic power: 96 dB. CPR Certificate EN 54-3. Dimensions: Ø 150 x 87 mm.



DOA FJ/CPD

Warning sign with buzzer. 24Vdc power supply. High-brightness LED lighting. Polycarbonate case with transparent front. White. Label required based on application. CPR EN 54-3 certified.



DOA FJ/CPD (ENG-A)

Set of warning sign with buzzer. 24Vdc power supply. High brightness LED lighting. Polycarbonate case with transparent front. White color. "ALARM" label included. CPR EN 54-3 certified.

Components:

- 1 DOA FJ/CPD
- 1 L-FIRE ALARM



DOA K (ENG-A)

Warning sign with buzzer. Power supply 24Vdc, consumption 55 mA. High brightness LED lighting. Polycarbonate case with transparent front. Acoustic power 91.7dB. IP21. "ALARM" label included. Dimensions: 331x150x68mm. CPR EN 54-3 and EN 54-23 certified.



DOA K/WP (ENG-A)

Warning sign with buzzer. Power supply 24Vdc, consumption 55 mA. High brightness LED lighting. Polycarbonate case with transparent front. Acoustic power 91.7dB. IP54. "ALARM" label included. Dimensions: 331x150x68mm. CPR EN 54-3 and EN 54-23 certified.



L-DO NOT ENTER

label "DO NOT ENTER CO" for DOA FJ/CPD



L-FIRE ALARM

label "FIRE ALARM" for DOA FJ/CPD



L-EVACUATION IMM

label "EVACUATION IMMEDIATE" for DOA FJ/CPD



L-ENTREE INTER.

Label "ENTRÉE INTERDITE" for DOA FJ/CPD



L-OPASNOST GAS

label "OPASNOST GAS" for DOA FJ/CPD



KIT WP D IP54

Seal kit for DOA signs

Optical acoustic signaling for Industrial use



PA1

Sounder for industrial use. Sound power: 100 dB(A). Power supply: 10 - 57 Vdc, consumption: 6 - 80 mA. EN 54-3 certified. IP66. Dimensions: 86 x 109.5 x 132 mm.



PA5

Sounder for industrial use. Sound power: 105dB. Power supply: 18 - 30 Vdc Consumption: 59 - 120 mA, depending on tone. 80 selectable tones. EN 54-3 certified. IP66. Dimensions: 163.4 x 135 x 132 mm.



PA10

Sounder for industrial use. Sound power: 122 db(A). Power supply: 10 -60 Vdc, consumption: 880 mA. EN 54-3 certified. IP66. Dimensions: 170 x 214 x 181 mm.



PA20

High-powered sounder for outdoor use. Sound power: 120dB. Power supply: 20 - 30 Vdc. Consumption: 500- 1800 mA, depending on tone. 80 selectable tones. EN 54-3 certified. IP66. Dimensions: 214 x 181 x 37 mm.



DS5

Sounder for industrial use. 31 tones with the help of an internal switch. Power supply: 19 - 29 Vdc, consumption: 280 mA. Sound power: up to 108 dB depending on pitch. IP66 / IP67. Dimensions: 133.5 x 150 x 143 mm. EN 54-3 certified.



DS10

High-powered outdoor sounder. Sound power: 112dB. Power supply: 19 - 29 Vdc. Power consumption: 420 mA, IP67, 32 selectable tones. Dimensions: 150 x 150 x 143 mm. EN 54-3 certified.



PY X-S-05-T

Flash for outdoor use of 5 joules. Red body and clear lens. IP66. Coverage 10.2 x 8.7 x 11.3 (m). Power supply: 18 - 30 Vdc. Dimensions: 109 x 86 x 80.6 mm. EN 54-23 certified.



PY X-M-05-T

Flash for outdoor use of 5 joules. Red pyramid-shaped body and transparent lens. IP66. Complete synchronization of multiple pulsating light systems. Four different pulses of flashing light via a DIP switch. Coverage 12.6 x 6.4 x 13.6 m. Power supply: 10 - 60 Vdc. Consumption: 280 mA. Dimensions: 166 x 114 x 124 mm. EN 54-23 certified.



PY X-M-10-T

Flash for outdoor use of 10 joules. Red pyramid-shaped body and transparent lens. IP 66. Complete synchronization of multiple pulsating light systems. Four different pulses of flashing light via a DIP switch. Power supply: 10 - 60 Vdc. Consumption: 540 mA. Coverage 18 x 10 x 22.6 m. Dimensions: 166 x 114 x 124 mm. EN 54-23 certified.



PY X-L-15-CPR-T

High-power flash for outdoor use of 15 joules, large visual area of 3D coverage. Red pyramid-shaped body and transparent lens. IP 66. Coverage 24.2 x 15.9 x 25.9 m. Power supply: 19.2 - 28.8 Vdc. Consumption: 700 mA. Dimensions: 212 x 144 x 157 mm. EN 54-23 certified.

Conventional linear smoke detector



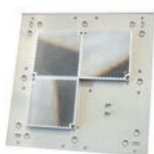
FIREBEAM XTRA

Motorized Beam detector for distances over 7 meters and up to 70 meters, expandable up to 140 or 160 meters with extension kits. IP65 for use with extreme environmental conditions. 24Vdc power supply. CPR certificate EN 54-12. Dimensions: detector 180x155x137mm, controller 185x120x62mm.



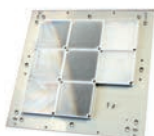
FIREBEAM BLUE

Motorized Beam detector for distances over 7 meters and up to 70 meters, expandable up to 140 or 160 meters with extension kits. Configuration and maintenance via App and Bluetooth communication. IP65 for use outdoors or indoor with extreme environmental conditions. 24Vdc power supply. CPR certificate EN 54-12. Dimensions: detector 180x155x137mm.



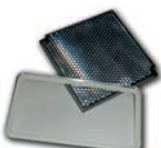
70KIT140

Mid range distance kit for beam detector FIREBEAM. Use this for distances over 70 meters and up to 140 meters.



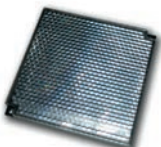
140KIT160

Long range distance kit for beam detector FIREBEAM. Use this for distances over 140 meters and up to 160 meters.



KIT-DL

Anti-fog kit for FIREBEAM detector. Developed to overcome condensation problems, this kit contains a reflector and lens cover that have been treated with special nano technology finish that will not mist over.



REF-DL

Additional anti-fog reflector. Necessary for installations with a high level of condensation.



SOP-DL

Adjustable support for reflector of the FIREBEAM detector.



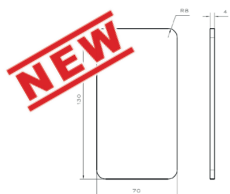
ADAPTER

Transparent acrylic plate that allows easy mounting of the FireBeam main unit. The holes are pre-drilled to the correct pitch of the main unit and are conveniently positioned for use with the popular Unistrut system using the screws provided.



REF-S

A single reflector for FIREBEAM. Supplied individually. It is supplied as part of the 70KIT140 and 140KIT160 kits.



WINDOW-AC

Anti-condensation lens cover treated with a special nano technology finish that will not mist over. For FIREBEAM



70KIT140-AC

Mid range distance anti-fog kit for beam detector FIREBEAM. Use this for distances over 70 meters and up to 140 meters.



140KIT160-AC

Long range distance anti-fog kit for beam detector FIREBEAM. Use this for distances over 140 meters and up to 160 meters.



STI-9861

Galvanized steel cage coated with white polyester for the protection for FIREBEAM and DBD-70A detector from accidental or malicious blows that could misalign and / or affect the correct operation of the device. The grille is made of 9 gauge steel with polyester coating resistant to the corrosion. Dimensions: 160 x 186 x 143 mm.



STI-9862

Galvanized steel cage coated with white polyester for FIREBEAM XTRA and DBD-70A controller protection of accidental or malicious blows that could misalign and / or affect the correct operation of the device. The grille is made of 9 gauge steel with polyester coating resistant to the corrosion. Dimensions: 122 x 187 x 70 mm.

Non ressetable linear heat detection



SGNL-SLP-002

Control unit for Linear Heat detector cable FT-78-EN and FT-88-EN. For monitoring up to two 1 km zones in independent or interlinked mode. 2-line, 16-character display for line status supervision. Power, alarm and fault indicators. Power supply: 12 - 36 Vdc. Consumption: 7mA in standby / 23mA in alarm. End of line 3K6. Modbus. IP65. Dimensions: 10 x 120 x 60.5mm. Certificate: EN 54-28:2016.



SGNL-FT-78-EN

78 °C Linear Sensor Cable FT-EN. Price per linear meter, 100m coils. Certificate: EN 54-28:2016.



SGNL-FT-88-EN

88 °C Linear Sensor Cable FT-EN. Price per linear meter, 100m coils. Certificate: EN 54-28:2016.



SGNL-FT-EOL-EN

Connection box and end of line for FT-78-EN and FT-88-EN thermal cable. IP66. Dimensions: 94 x 94 x 57mm. Polycarbonate material. Certificate: EN 54-28:2016.



SGNL-SUCB

Connection box and end-of-line for FT Linear Heat detector cable. IP66. Dimensions: 94 x 94 x 54mm. Material: Polycarbonate. Supplied with cable gland and terminal block.



SGNL-P-CLIP

Pack of 100 K-type fixing clips, made of stainless steel and UV and ozone resistant nylon, resistant to fats and oils for quick installation of FT thermal cable. Dimensions: 12.7 x 12.7 x 16mm.



MM5561X001

Galvanic Isolator for linear heat detection intrinsically safe installations



MM7761A001

Zener barrier for linear heat detection intrinsically safe installations

Non ressetable linear heat detection UL



SGNL-SLP-001

Control unit for Linear Heat detector cable. Supervision of up to two 3 km zones in independent or interlaced modes. Power, alarm and fault indicators. Power supply: 12 - 36 Vdc. Standby consumption 4 - 12 mA / alarm 15 - 40 mA. 1 Kohm end of line included. Modbus. IP65. Dimensions: 10 x 120 x 60.5mm. UL 864 certified.



SGNL-FT-68

68° C Linear Sensor Cable FT-68. Wire resistance: 0.1Ω/m. PVC-material. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-68-R

68° C Linear Sensor Cable FT-68. Wire resistance: 0.1Ω/m. With nylon protection cover for aggressive environments. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-88

88° C Linear Sensor Cable FT-88. Wire resistance: 0.1Ω/m. PVC-material. FM, UL, cUL, KFI approvals. Price per linear meter, 100m coils.



SGNL-FT-88-R

88° C Linear Sensor Cable Signaline FT-88-R. Wire resistance: 0.1Ω/m. With nylon protection cover for aggressive environments. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-105

105° C Linear Sensor Cable FT-105. Wire resistance: 0.1Ω/m. PVC-material. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-105-R

105° C Linear Sensor Cable FT-105-R. Wire resistance: 0.1Ω/m. With nylon protection cover for aggressive environments. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-185-R

185° C Linear Sensor Cable FT-230-R. Wire resistance: 0.1Ω/m. With nylon protection cover for aggressive environments. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.



SGNL-FT-230-X

230° C Linear Sensor Cable FT-230-X. Wire resistance: 0.1Ω/m. With rubber cover resistant to chemical products for high temperatures, for aggressive environments. Approvals: FM, UL, cUL, KFI. Price per linear meter, 100m coils.

Special detectors



SGNL-SUCB

Connection box and end-of-line for FT Linear Heat detector cable. IP66. Dimensions: 94 x 94 x 54mm. Material: Polycarbonate. Supplied with cable gland and terminal block.



SGNL-A-CLIP

Pack of 100 nylon A-type fixing clips for quick installation of the signaline FT thermal cable. Dimensions: 12 x 27 x 16mm.



SGNL-P-CLIP

Pack of 100 K-type fixing clips, made of stainless steel and UV and ozone resistant nylon, resistant to fats and oils for quick installation of FT thermal cable. Dimensions: 12.7 x 12.7 x 16mm.



SGNL-T-CLIP

Pack of 100 T-type fixing clips, made of polypropylene for quick installation of the FT linear heat detector cable. Dimensions: 28 x 25 x 10mm.



SGNL-E-CLIP

Pack of 100 fixing clips type E, in galvanized steel for easy installation of the signaline FT thermal cable and with neoprene sheath and nylon flange. Dimensions 40 x 32 x 42mm.



SGNL-J-CLIP

Pack of 100 J-type fixing clips, in galvanized steel for easy installation of FT thermal cable and with neoprene sheath and nylon flange. Dimensions 42 x 19 x 9mm.



MM5561X001

Galvanic Isolator for linear heat detection intrinsically safe installations



MM7761A001

Zener barrier for linear heat detection intrinsically safe installations

Duct detector



DCON-DC700 (FDD-710)

Universal Single Pipe Duct Detector. Compatible with conventional and addressable detectors 200 and 200A series. IP54. Does not include detector or base. Sampling pipe length: 600 mm. Dimensions: 180 x 253 x 183mm.

DCON-TC700

Pipe for the duct detector DCON-DC700. 1,5 meters length for big size ducts.

DCON-BM700

Mounting arm for uneven ducts for DCON-DC700 detection camera.

Thermal probe



TMP2-D-XX

Temperature probe with trip from -20°C to 110°C (specify degrees Celsius in -XX). Includes mounting box. Industrial application in Used in hazardous industrial zones environments. IP65. CPR EN 54-5 certified.

TMP2-JO-XX

Temperature probe with trip between -20°C and 110°C (specify degrees Celsius in -XX). One way of entry. Includes mounting box with 1/2" thread. ATEX application for explosive atmospheres. ATEX II 2G Exd IIC T6. IP66. CPR EN 54-5 certified.

TMP2-TO-XX

Temperature probe with trip from -20°C to 110°C (specify degrees Celsius in -XX). Two ways of entry. Includes mounting box with 1/2" thread. ATEX application for explosive atmospheres. ATEX II 2G Exd IIC T6. IP66. CPR EN 54-5 certified.

CONFIGURATIONS

Model	Box Type	Temperature Class	Mode	Led Status	Alarm config.
TMP2					
J = Atex 1 way 1/2" connection box		A1 = Static alarm 54-65°C			M = Manual Reset
T = Atex 2 ways T 1/2" connection box		A2 = Static alarm 54-70°C			A = Auto Reset
JO = Atex 1 way connection box with glass		B = Static alarm 69-85°C			
TO = Atex 2 ways T connection box with glass		C = Static alarm 84-100°C			
D = Aluminium housing IP66		D = Static alarm 99-115°C			
P = Only probe without housing		R = Static & Rate of Rise			
		S = Static			
				1 = OFF in normal condition ON in Alarm condition	
				2 = PULSE in normal condition OFF in Fault condition ON in Alarm condition	
Example of J or T box		Example of JO or TO box		Example of D box	
					
Not suitable for Fire Detection		Suitable for Fire Detection		Suitable for Fire Detection	
				Example of P (Probe)	
					
				Not suitable for Fire Detection	

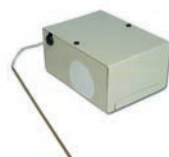
Example of product code creation:

Heat detector ATEX certified T-box with glass, Temp. class C with alarm intervention at 90°C static with pulse LED and Auto Reset alarm:
Code: **TMP2-TO-C90S2A**

Heat detector Dust box, Temp. class A2 with alarm intervention at 57°C Rate of Rise with OFF LED in normal condition and Auto Reset alarm:
Code: **TMP2-D-A257R1A**

ST802

High temperature thermal detector by thermal probe adjustable temperature from 50 to 300°C. Power supply voltage 24 Vdc. Consumption 100 mA. Capillary tube length 1m. Dimensions 140 x 100 70 mm.



Explosive atmospheres



DS 10 -3G/3D 230 AC

High-powered outdoor sounder. Sound power: 107dB. Power supply: 195 Vac - 253 Vac. Power consumption: 60 mA, IP67, 32 selectable tones. Dimensions: 150 x 150 x 143 mm. EN 54-3 certified. Zone 2 and 22.



DS 10 -3G/3D 24 DC

High-powered outdoor sounder. Sound power: 112dB. Power supply: 19 - 29 Vdc. Power consumption: 420 mA, IP67, 32 selectable tones. Dimensions: 150 x 150 x 143 mm. EN 54-3 certified. Zone 2 and 22.

Flame detectors



UV-185/5CZ

UV flame detector. 90° detection cone and detection distance of up to 23 meters (0.09m heptane). UV spectral response: 185 - 260 nm. Relay output by dry contact or 4-20 mA output. Power supply 10 - 28 Vdc. Consumption: 25 - 35mA. Self test every hour. IP65. FM3260/3611 ATEX II 3G Ex nA IIC T4 Gc / II 3D Ex tc IIIC T71 °C Dc. For installation in zone 2. Dimensions: 125 x 80 x 57 mm. Optional SM21 articulated support. EN 54-10 certified.



UV/IR-210/1CZ

UV/IR flame detector. 90° detection cone and detection distance of up to 23 meters (0.09m heptane). UV Spectral Response: 185 - 260 nm; IR: 2.7µm. Relay output by dry contact or 4-20 mA output. Power supply 10 - 28 Vdc. Consumption: 25 - 40mA. Self test every hour. IP65. FM3260/3611 ATEX II 3G Ex nA IIC T4 Gc / II 3D Ex tc IIIC T71 °C Dc. For installation in zone 2. Dimensions: 125 x 80 x 57 mm. Optional SM21 articulated support. EN 54-10 certified.



IR3-109/1CZ

IR3 (triple infrared) flame detector. 90° detection cone and detection distance of up to 35 meters (0.09m heptane). Spectral response in the infrared: 2.7 µm and 5µm. Relay output by dry contact or 4-20 mA output. Power supply 10 - 28 Vdc. Consumption: 24mA. Self test every hour. IP65. FM3260/3611 ATEX II 3G Ex nA IIC T4 Gc / II 3D Ex tc IIIC T71 °C Dc. For installation in zone 2. Dimensions: 125 x 80 x 57 mm. Optional SM21 articulated support. EN 54-10 certified.



SM21

Swivel support for flame detectors models IR3-109/1CZ, UV/IR-210/1CZ and UV-185/5CZ, Suitable for installation in ATEX classified areas.



TC-169/1

Non-ATEX test lamp for IR3-109/1CZ, UV/IR-210/1CZ and UV-185/5CZ flame detectors, includes transport case, manual and 100-240 Vac universal charger.



TC-940/1Z

Test lamp for use in ATEX classified areas for IR3-109/1CZ, UV/IR-210/1CZ and UV-185/5CZ TC-940/1Z flame detectors includes transport case FM3610/FM3810 ATEX II 2 G Ex ib IIC T4/T3 GB

Door holders



RED-1804

Electromagnetic door holder for surface mounting with release button. Holding force: 500N. Power supply: 24Vdc/60mA. Supplied with retaining plate with ball joint. Dimensions: 105 x 72 x 40mm. EN 1155 certified. Black colour. Includes protection diode.



RED-1803

Electromagnetic door holder for surface mounting with release button. Holding force: 500N. Power supply: 24Vdc/60mA. Supplied with retaining plate with ball joint. Dimensions: 105 x 72 x 40mm. EN 1155 certified. White colour. Includes protection diode.



RED-1803/100

Electromagnetic door holder for surface mounting with release button. Holding force: 1000N. Power supply: 24Vdc/100mA. Supplied with retaining plate with ball joint. Dimensions: 105 x 72 x 52mm. EN 1155 certified. White colour. Includes protection diode.



RED-1805

Electromagnetic door holder for floor mounting with release button. Holding force: 500N. Power supply: 24Vdc/60mA. Supplied with retaining plate with ball joint. Dimensions: 105 x 105 x 150mm. EN 1155 certified.



RED-1805/100

Electromagnetic door holder for floor mounting with release button. Holding force: 1000N. Power supply: 24Vdc/100mA. Supplied with retaining plate with ball joint. Dimensions: 105 x 105 x 150mm. EN 1155 certified.



RED-1801 IP65

IP65 electromagnetic door holder for floor mounting with release button. Holding force: 1500N. Power supply: 24Vdc/100mA. Supplied with retaining plate. Dimensions: 75 x 115 x 43mm. EN 1155 certified.



RED-1801 IP67

IP67 electromagnetic door holder for floor mounting with release button. Holding force: 1500N. Power supply: 24Vdc/100mA. Supplied with retaining plate. Dimensions: 76 x 115 x 43mm. EN 1155 certified.



RED-S1800-2

Optional tube for S1800-1 and 1805



RED-S1800-4N

L-bracket for floor. Black color.



RED-S1800-4B

L-bracket for floor. White color.



RED-S1800-1

130mm support for door holders 1803, 1804 and 1803/100



RED-S1800-3

Extendable support from 150 to 220 mm for door holder 1803, 1804 and 1803/100

Power supply units



TUL500 EN

Supervised power supply 27.6V 2A regulated output, with battery charger. It can provide till 4A of output current, plus an additional 1A to charge two batteries up to 18Ah. Main supply voltage: 230 Vac + 10% / -15%. . Built-in amperimeter with 10 levels, indication of overload. 3 power supply outputs for use are available, each one protected by electronic fuse. Prevention of total discharge of batteries. It has two voltage-free relays, loss of main power supply and battery failure, charger failure 2 independent relay outputs. Certified EN 54-4:1997 AC +A1 +A2, EN 12101:2005 + AC. Requires 2 batteries not included, max. battery capacity 18 Ah. Dimensions: 373 x 310 x 175 mm.



STX2402-E-DETN0V

Supervised power supply 27.6V 2A regulated output, with battery charger. It can provide 2A of output current, plus an additional 850mA to charge two batteries up to 18Ah. Main supply voltage: 110 - 240 Vac. Prevention of total discharge of batteries. It has two voltage-free relays, loss of main power supply and battery failure, charger failure and loss of output voltage. Certified EN 54-4:1997 +A1 +A2. White color. Battery capacity up to 18 Ah. Dimensions: 400 x 420 x 80mm.



STX2405-E-DETN0V

Supervised power supply 27.6V 5A regulated output, with battery charger. It can provide 5A of output current, plus an additional 850mA to charge two batteries up to 18Ah. Main supply voltage: 110 - 240 Vac. Prevention of total discharge of batteries. It has two voltage-free relays, loss of main power supply and battery failure, charger failure and loss of output voltage. Certified EN 54-4:1997 +A1 +A2. White color. Battery capacity up to 18 Ah. Dimensions: 400 x 420 x 80mm.



STX2410-E-DETN0V

Supervised power supply 27.6V 10A regulated output, with battery charger. It can provide 10A of output current, plus an additional 850mA to charge two batteries up to 18Ah. Main supply voltage: 110 - 240 Vac. Charge current 0.7A. Standby consumption 30 mA. Prevention of total discharge of batteries. It has two voltage-free relays, loss of main power supply and battery failure, charger failure and loss of output voltage. Certified EN 54-4:1997 +A1 +A2. White color. Battery capacity up to 18 Ah. Dimensions: 400 x 420 x 80mm.



STX2410-H-DETN0V

Supervised power supply 27.6V 10A regulated output, with battery charger. It can provide 10 A of output current. Battery charger supports up to 38Ah batteries. Main supply voltage: 110 - 240 Vac. Battery charge current 1.6A. Standby consumption 30 mA. Prevention of total discharge of batteries. It has two voltage-free relays contacts. Indication of loss of main power supply and battery failure, charger failure and loss of output voltage. Certified EN 54-4:1997 +A1 +A2. White color. Dimensions: 400 x 420 x 180mm.



BATT-BOX-65-BLACK

Cabinet for 2 batteries up to 65Ah. Black. Dimensions: 400 x 420 x 180 mm. Weight 9.7Kg.



FAD-AUXBAT

Expansion kit for external power supply supervision to CAD-151 and VESTA control panels. For extending the autonomy up to 72 Ah. It can be used in conjunction with STX2410 power supplies and BATT-BOX-65-BLACK

Extinguishing system



CCD-103

Extinguishing control panel for 1 risk (3 detection zones). 1 output for the activation of the bottle and 1 output for activating the sign, 2 inputs for monitoring the bottle, manual call point inputs: release, abort and pause, 2 sounder outputs for the two possible states extinguishing process, configurable extinction fire delay, 3 modes of operation of the extinguishing block: Manual, automatic and canceled, 2 inputs for monitoring the enclosure: door and ventilation. Historical event log. Possibility to connect to PC via USB for complex programming and event download. Integrable to addressable systems directly from the addressable loop. Certificate EN 12094/1 and CPR EN 54-2 and EN 54-4. Dimensions: 443 x 268 x 109 mm. Requires 2 batteries (7.2Ah) not included.



SWD-103

Extinguishing control panel CCD-103 configuration software. PC Connection via CCC-100 cable.



PPD-100

Abort manual call point. Color blue. With test key, surface mount. Protective plastic cover included. Indoor use. Includes resistance of 100 Ohm -2W. Dimensions: 98 x 98 x 48 mm.



PDD-100

Release manual call point. Yellow color. With test key, surface mount. Protective plastic cover included. Use for indoor applications. Includes resistance of 100 Ohm -2W. Dimensions: 98 x 98 x 48 mm.

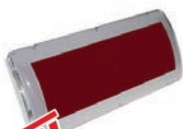


DOA FJ/CPD (ENG-E)

Set of warning sign with buzzer. 24Vdc power supply. High brightness LED lighting. Polycarbonate case with transparent front. White color. "EXTINGUISHING SYSTEM ACTIVATED" label included. CPR EN 54-3 certified.

Components:

- 1 DOA FJ/CPD
- 1 L-EXT SYS ACT



DOA FJ/CPD

Warning sign with buzzer. 24Vdc power supply. High-brightness LED lighting. Polycarbonate case with transparent front. White. Label required based on application. CPR EN 54-3 certified.

L-EXT SYS ACT

label "EXTINGUISHING SYSTEM ACTIVATED" for DOA FJ/CPD



L-OPASNOST GAS

label "OPASNOST GAS" for DOA FJ/CPD



L-ATMOSF PERIGOSA

label "ATMOSFERA PERIGOSA" for DOA FJ/CPD



L-VISOKA KONCENTR

label "VISOKA KONCENTRACIJA CO NAPUSTITE GARAZU" for DOA FJ/CPD



L-GAS DISPARADO

label "GAS DISPARADO" for DOA FJ/CPD



CCC-100

USB configuration cable for the conventional CCD-100 range and CCD-103 extinguishing panel connection to a PC.

KIT WP D IP54

Seal kit for DOA signs



CO detection control panels



CMD-501

Carbon monoxide control panel of 1 zone expandable up to 3 zones. 32 detectors per zone. 2-wire installation without polarity, maximum distance of 2 km. 3 programmable level relays (extraction 1, extraction 2 and alarm). The relays can be configured for activation with a fault. Two shooting modes, standard (by value of each detector) or by the real average of the whole area. Test mode for the maintenance of the installation. Optional: TRMD-500 or TRMD-502 card allows the control of a speed regulator connected to an engine achieving energy efficiency and reduction of noise and vibrations. Housing made of ABS plastic, with possibility of being recessed. Dimensions: 439 x 268 x 112 mm. Power supply at 230 Vac. Two batteries (7.2 Ah) can be connected optionally. Certificate UNE 23300: 1984.



CMD-502

Carbon monoxide control panel of 2 zones expandable up to 3 zones. 32 detectors per zone. 2-wire installation without polarity, maximum distance of 2 km. 3 programmable level relays (extraction 1, extraction 2 and alarm). The relays can be configured for activation with a fault. Two shooting modes, standard (by value of each detector) or by the real average of the whole area. Test mode for the maintenance of the installation. Optional: TRMD-500 or TRMD-502 card allows the control of a speed controller connected to an engine achieving energy efficiency and reducing noise and vibrations. Housing made of ABS plastic, with possibility of being recessed. Dimensions: 439 x 268 x 112 mm. Power supply at 230 Vac. Two batteries (7.2 Ah) can be connected optionally. Certificate UNE 23300: 1984.



CMD-503

Carbon monoxide control panel of 3 zones. 32 detectors per zone. 2-wire installation without polarity, maximum distance of 2 km. 3 programmable level relays (extraction 1, extraction 2 and alarm). The relays can be configured for activation with a fault. Two shooting modes, standard (by value of each detector) or by the real average of the whole area. Test mode for the maintenance of the installation. Optional: TRMD-500 or TRMD-502 card allows the control of a speed regulator connected to an engine achieving energy efficiency and reduction of noise and vibrations. Housing made of ABS plastic, with possibility of being recessed. Dimensions: 439 x 268 x 112 mm. Power supply at 230 Vac. Two batteries (7.2 Ah) can be connected optionally. Certificate UNE 23300: 1984.

Accessories for CO control panels



MMD-509

Expansion module for CMD-500 carbon monoxide control panels. Up to 32 detectors per module. Installation with 2 wires without polarity.



TRMD-500

Expansion card for CMD-500 carbon monoxide control panels. It allows the connection of up to 3 speed regulators for the control of the ventilation / extraction motors, obtaining optimum motor performance in addition to energy efficiency of the installation.



TRMD-502

Expansion card for CMD-500 carbon monoxide control panels with ModBus RTU integration port. It allows the connection of up to 3 speed regulators for the control of the ventilation / extraction motors, obtaining optimum motor performance in addition to energy efficiency of the installation. Includes an RS485 port for ModBus integration to BMS system.

CO detectors



DMD-500

Standard carbon monoxide detector with electrochemical cell with deep base included. Connection to 2 wires without polarity. Diagnostic LED. Resolution: 1 ppm. Certificate UNE 23300: 1984. Dimensions: 77x100 mm. Ten years life time.



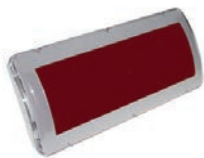
DMDP-500

Compact carbon monoxide detector with electrochemical cell. Antivandal protection (wall fastening, shock resistance, protection against water). Connection to 2 wires without polarity. Diagnostic LED. Resolution: 1 ppm. Certificate UNE 23300: 1984. Dimensions: 93 x 93 x 55 mm. Ten years life time.



DOA FJ/CPD

Warning sign with buzzer. 24Vdc power supply. High-brightness LED lighting. Polycarbonate case with transparent front. White. Label required based on application. CPR EN 54-3 certified.



DOA FJ/CPD (ENG-M)

Set of warning sign with buzzer. 24 Vdc power supply. High brightness LED lighting. Polycarbonate case with transparent front. White color. Label "DO NOT ENTER EXCESS OF CO" included. CPR certificate EN 54-3.

Components:

- 1 DOA FJ/CPD
- 1 L-DO NOT ENTER



L-ENTREE INTER.

Label "ENTRÉE INTERDITE" for DOA FJ/CPD



L-ATMOSF PERIGOSA

label "ATMOSFERA PERIGOSA" for DOA FJ/CPD



L-VISOKA KONCENTR

label "VISOKA KONCENTRACIJA CO NAPUSTITE GARAZU" for DOA FJ/CPD



KIT WP D IP54

Seal kit for DOA signs

Gas detection



CS-4

Alarm control panel suitable for installation on DIN rail. It allows the connection of up to 4 simultaneous remote sensors through its 4 inputs in addressable (4-20 mA) or digital (0/10-15 V). Equipped with two LP switched outputs on which the remote sensors act both in alarm (20% of the bottom of the scale) and in fault. Dimensions: 106 x 90 x 58 mm.



CS-4 BOX

CS-4 central cabinet with IP65 protection. Dimensions: 200 x 220 x 105 mm.



CA-2

Gas detection center for 2 remote sensors S/3 and S/2. addressable inputs 4-20 mA, outputs 230 Vac, 12Vdc and LP. 3 alarm levels 12%, 20% and 100% FE. Visual indication of alarms and event memory. Power supply: 110-230 Vac. EN 60079-29-1 certified.



CA-4

Gas detection center for 4 remote sensors S/3 and S/2. addressable inputs 4-20 mA, outputs 230 Vac, 12Vdc and LP. 3 alarm levels 12%, 20% and 100% FE. Visual indication of alarms and event memory. Power supply: 110-230 Vac. EN 60079-29-1 certified.



CA-8

Gas detection center for 8 S/3 and S/2 remote sensors. addressable inputs 4-20 mA, outputs 230 Vac, 12Vdc and LP. 3 alarm levels 12%, 20% and 100% FE. Visual indication of alarms and event memory. Power supply: 110-230 Vac. EN 60079-29-1 certified.



S/3-2

Catalytic detectors for combustible gases, with 4-20 mA output proportional to the explosive limit (LEL). Explosion-proof enclosure. IP66. Group II, Category 2G. Certified: EN 60079-29-1, EN 61779-1, EN 61779-4. Dimensions: 140 x 162 x 91 mm.

Model	Detected Gas	Scale
S/3-2-CH4	Methane (CH4)	LIE
S/3-2-H2	Hydrogen (H2)	LIE
S/3-2-C3H8	Butane / Propane (C3H8)	LIE
S/3-2-NH3	Explosive Ammonia (NH2)	LIE
S/3-2-VGAS	Gasoline vapors	LIE



S/3-IR

S/3-IR infrared detector with output 4-20 mA proportional to the gas concentration. IP66 (explosion-proof box). Dimensions: 140 x 162 x 91 mm.

Model	Detected Gas	Scale
S/3-IR-CO2-5	Carbon dioxide (CO2)	0-5% Vol.
S/3-IR-CH4	Methane (CH4)	LIE



S/3-T

S/3-T Gas detectors with 4–20 mA output proportional to gas concentration. IP66 (explosion-proof box). Dimensions: 140 x 162 x 91 mm.

Family	Model	Detected Gas	Scale
S/3-T1 Toxic			
	S/3-T1-CO-300	Carbon monoxide (CO)	0–300 ppm
	S/3-T1-H2S-100	Hydrogen Sulfide (H2S)	0–100 ppm
	S/3-T1-H2S-500	Hydrogen Sulfide (H2S)	0–500 ppm
	S/3-T1-NH3-100	Ammonia (NH3)	0–100 ppm
	S/3-T1-NH3-5000	Ammonia (NH3)	0–5000 ppm
	S/3-T1-SO2-20	Sulfur dioxide (SO2)	0–20 ppm
S/3-T2 Oxygen			
	S/3-T2-O2	Oxygen (O2)	0–25% Vol.



S/2

Gas detectors with 4–20 mA output proportional to gas concentration. IP66 (waterproof box). Dimensions: 130 x 140 x 75 mm

Family	Model	Detected Gas	Scale
S/2-IR Infrared			
	S/2-IR-CO2-5	Carbon dioxide (CO2)	0-5% Volume
S/2-T1 Watertight toxic			
	S/2-T1-CO-300	Carbon monoxide (CO)	0–300 ppm
	S/2-T1-H2S-100	Hydrogen Sulfide (H2S)	0–100 ppm
	S/2-T1-H2S-500	Hydrogen Sulfide (H2S)	0–500 ppm
	S/2-T1-NH3-100	Ammonia (NH2)	0–100 ppm
	S/2-T1-NH3-5000	Ammonia (NH2)	0–5000 ppm
	S/2-T1-SO2-20	Sulphur dioxide (SO2)	0–20 ppm
	S/2-T1-NO2-20	Nitrogen dioxide (NO2)	0–20 ppm
	S/2-T1-NO-100	Nitrogen monoxide (NO)	0–100 ppm
S/2-T2 Watertight oxygen			
	S/2-T2-O2	Oxygen (O2)	0–25% Volume



CONO

Collector cone for S/3 and S/2 gas sensors. It is coupled to the remote sensor to improve the capture of lighter-than-air gases such as methane, hydrogen, etc. in installations where the sensors are located above the points of possible leakage or gas emission.



LS3

Support for S/3 sensors. Attachment for attaching the S3 sensors to the ceiling or other horizontal surface that allows the correct mounting position to be maintained with the sensor oriented vertically downwards. It is suitable when it is not possible to install it on a wall or vertical surface.



MASCARA S/3

Mask with active carbon filter for S/3 detectors. They protect the sensor from external contaminants, without causing interference to the detection of the target gas. The filter is contained in a special mask to be placed on the sensor holder.



MS 3 -RE

3-alarm relay card for S/3 and S/2 sensors.

Detección de gas MSR



MSC2-C-220 compact

Compact gas detection control unit. Supply voltage 100-240 V AC / 24 V DC, 15 VA. 1x addressable output 4-20 mA, 3 alarm relays (230 V). RS485 Modbus RTU Protocol, 2x Digital Inputs, display and keyboard, acoustic-visual alarm, up to 10 SB2Units sensors can be connected, dimensions: 130 x 130 x 75 mm, IP 65, EN 50545-1 Conformity.



MSC2-C-24 compact

24 V DC gas detection control unit. 1x addressable Output 4-20 mA. 3 alarm relays (230 V). RS485 Modbus RTU protocol. 2x Digital Inputs. With display and keyboard. With acoustic-visual alarm. Up to 10 SB2Units sensors can be connected. Dimensions: 130 x 130 x 75 mm. IP 65. EN 50545-1 conformity.



SB2Unit CO

Gas Sensor: Carbon monoxide (CO) for MSC2-COMPACT control unit. Range: 0-300ppm, IP 65, EN 50545-1 compliance



SB2Unit NO2

Gas Sensor: Nitrogen Dioxide (NO2) for MSC2-COMPACT control unit. Range: 0-30ppm. IP 65. EN 50545-1 Compliance



GC-06 24V

Gas detection control unit. Supply voltage of 24 V. 2x addressable Output 4-20 mA, 4 alarm relays + 1 fault (230 V), RS485 Modbus RTU Protocol, 4x addressable Inputs, 4x Digital Inputs. With display and keyboard and acoustic-visual alarm, connection up to 100 sensors, DIN rail mounting, dimensions: 106 x 110 x 62 mm. IP 40.. EN 50545-1 Compliance



DGC-06 230V

Gas detection control unit. Supply voltage of 230/110 V AC <> 24 V DC, 6.5 A. 2x addressable Output 4-20 mA, 4 alarm relays + 1 fault (230 V), RS485 Modbus RTU Protocol, 4x addressable Inputs, 4x Digital Inputs. With display and keyboard and acoustic-visual alarm, connection up to 100 sensors, DIN rail mounting, dimensions: 106 x 110 x 62 mm. IP 40.. EN 50545-1 Compliance



EP-06

Expansion module for DGC-06 control unit. Supply voltage 24 V DC. 2x addressable Output 4-20 mA. 4 alarm relays + 1 fault (230 V). RS485 Modbus RTU protocol. 4x addressable Inputs. 4x Digital Inputs. Dimensions: 106 x 110 x 62 mm. IP 40. EN 50545-1 Compliance



SB2

Control for SC2 sensor with box. RS485 Modbus RTU Protocol Sensor not included. It must be connected with at least one SC2 sensor. Connection of up to 3 sensors of different gases. Dimensions: 94 x 130 x 57 mm. IP 65.



MSC2-C-220

PolyGard-2, PolyGard®@2 MSC2 (MSC2-C-734522200) multisensor controller for SC2 sensors. addressable and RS 485 output with ModBus protocol. Power supply: 90 - 230 Vdc / 24 V Vdc. It has 3 alarm relays. 2 digital inputs, 2 addressable inputs, with display and keyboard. Does not include the sensor. Buzzer and LED status (red, yellow, green). Dimensions: 130 x 130 x 75 mm.



MSC2-C-24

PolyGard-2, PolyGard®@2 MSC2 (MSC2-C-234522200) multi-sensor controller for SC2 sensors. addressable and RS 485 output with ModBus protocol. Power supply: 24 V Vdc. It has 3 alarm relays. 2 digital inputs, 2 addressable inputs, with display and keyboard. Does not include the sensor. Buzzer and LED status (red, yellow, green). Dimensions: 130 x 130 x 75 mm.



SC2-CO-300

CO 300 ppm Digital Calibration Sensor for MSC2 - IP 65



SC2-NO2-30

NO2 30 ppm Digital Calibration Sensor for MSC2 - IP 65



SC2-CO2-2

PolyGard®2 sensor cartridge, 5 V DC (SC2-I-S1164-C-P-00) for CO2, carbon dioxide, 0-2 VOL % with infrared sensor for connection with MSC2 controllers. Digital calibration. IP65.



SC2-CO2-5

PolyGard®2 sensor cartridge, 5 V DC (SC2-I-S1164-B-L-00) for CO2, carbon dioxide, 0-5 Vol % with infrared sensor for connection with MSC2 controllers. Digital calibration. IP65.



SC2-FR-XX

PolyGard®2 sensor cartridge, 5 V DC (SC2-S20XX-XX-A-P-00) for Freon detection. Measuring range 20-20000 ppm, semiconductor sensor for connection to MSC2 controllers. Digital calibration. IP65.



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