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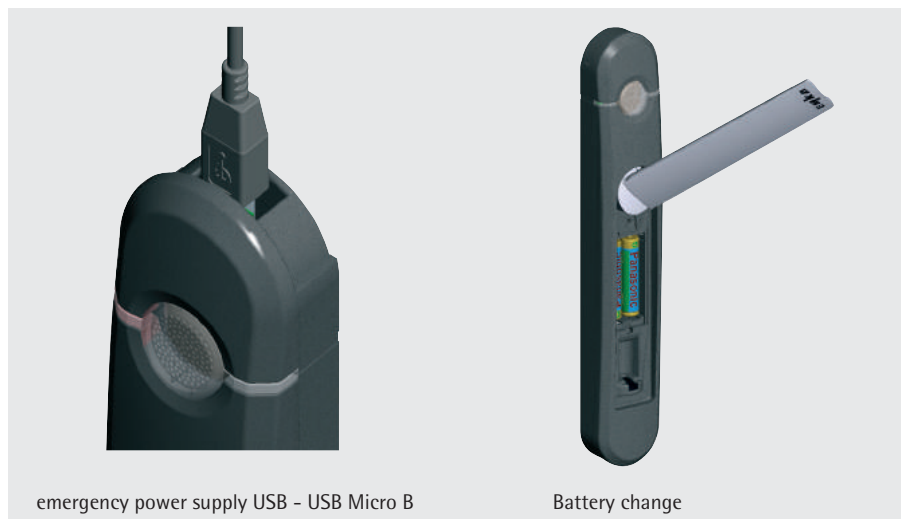
You can read more about products from the apra-group at www.apra-norm.com



AGENT E "Wireless"

The Agent E Wireless pivoting handle communicates via wireless network. Its wireless and cost-saving installation makes it ideal for retrofitting in data centers. The authentication is done via RFID. Highly efficient energy management guarantees a long battery life.

- wireless mounting on the cabinet (plug & play, power supply via battery)
- communication via an encrypted radio connection
- installation in almost all common handle hole pictures easily possible
- control of up to 1,200 doors in a radio network via access units and control unit
- authentication over 125 kHz or 13.56 MHz transponder cards
- batteries included (battery life min. 3 years)
- remote opening is always possible
- emergency opening via master card
- an emergency power supply in the event of a power failure is possible via a microUSB interface



emergency power supply USB - USB Micro B

Battery change



Description	Order no.
"Agent E" Control Unit Wireless	235-101-50
"Agent E" Access Unit Wireless	235-101-51
"Agent E" Wireless RFID 13.56 MHz Swivel Lever Set, RAL 7035	318-105-58
"Agent E" Wireless RFID 13.56 MHz Swivel Lever Set, RAL 9005	318-105-57
"Agent E" power supply 12 V / 2 A	235-100-49
"Agent E" door contact switch	235-101-53

Also available as a wired version!



EMI-One

EMI-One system is a complex solution integrating the functionality of monitoring of environmental parameters with access control. The extensive alarm section and rules, combined with a wide range of accessories and sensors, fully tailor to your needs.

Basic features:

- communication using Ethernet (100Base-TX)
- 4 independent 12-V output channels for controlling terminal devices (e.g. a handle with an electromagnetic door strike, lighting, or ventilation system)
- 4 independent binary inputs with additional parametrisation function to handle fire, gas, flood, motion, power failure sensors etc.
- possibility to connect temperature sensors, or a temperature and a humidity sensor (e.g. for measurement in different places of the cabinet)
- control functions access – RFID readers (cards, key rings, etc.)



Order no.

925-300-00

Temperature sensor



- temperature range: -55°C to +125°C
- dimensions: 80 x 8 mm
- cable length 2,5 m

Order no.

925-360-00

Combo sensor (temperature + humidity)



- Measures both the humidity and the temperature of the environment
- Humidity range: 0-99.9% relative humidity - Accuracy $\pm 3\%$ (10 to 90%)
- Temperature range: -40 °C to 80 °C - Accuracy ± 1 °C (-40 °C to 80 °C)
- Dimensions: 60 x 28 x 4 mm
- Standard cable length 2,5 m

Order no.

925-361-00

Combo sensor (temperature + humidity), high precision



- Measures both the humidity and the temperature of the environment
- Humidity range: 0-100% relative humidity - Accuracy: $\pm 1.5\%$ (0 to 80%)
- Temperature range: -40 °C to 125 °C - Accuracy: ± 0.1 °C (20 °C to 60 °C)
- Dimensions: 25 x 44 x 37 mm
- Standard cable length 2.5 m with removable RJ10 / RJ11 plug

Order no.

925-374-00

**Fire detector**

- Operating mode selectable (smoke, heat, multi-sensor). Smoke detection according to the requirements of EN 54-7
- Heat detection according to EN 54-5
- Standard cable length 2,5 m

Order no.

925-368-00

Flood sensor

- The sensor may e.g. be placed in condensate tubs of air conditioners
- Parallel connection of several sensors possible
- Probes adjustable up to max. 35 mm
- Standard cable length 2,5 m

Order no.

925-369-00

Door contact switch

- Condition of doors can be monitored.
- Change of state at distances greater than 20 mm.
- With sabotage monitoring
- Standard cable length 2.5 m
- Dimensions: 50 x 14 x 12 mm
- available in white and dark brown

Order no.

925-364-00

Distributor

- Distributor for the simultaneous connection of two RFID readers and a temperature sensor
- Standard cable length 0.5 m

Order no.

925-394-00

Relay 12 V

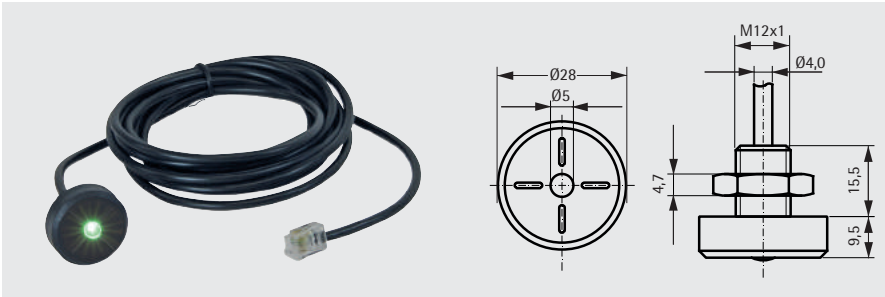
- The relay allows control of higher voltage devices (such as fans or bulbs).
- Coil voltage: 12 VAC, 12 VDC
- Switching voltage: max. 250 VAC
- Operating current: max. 16 A
- Standard cable length 2.5 m

Order no.

925-363-00



RFID reader 125 kHz



- cable length 2,5 m

Order no.
925-362-00

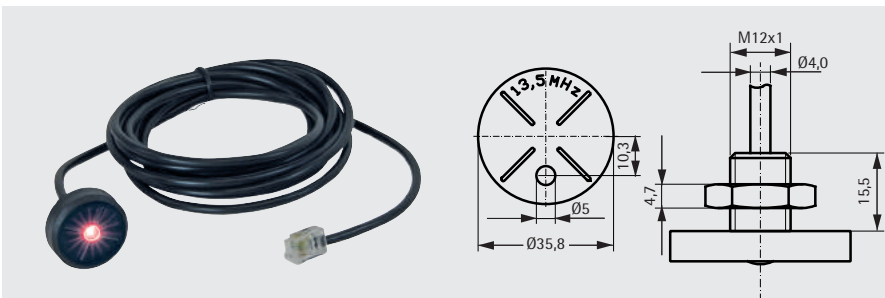
Card for RFID reader 125 kHz



- The cards can be printed individually

Order no.
925-382-00

RFID reader 13,56 MHz



- cable length 2,5 m

Order no.
925-370-00

Card for RFID reader 13,56 MHz



- The cards can be printed individually

Order no.
925-384-00

RFID reader HID HITAG 125 kHz



- cable length 2,5 m
- Colour: black or grey

Order no. (schwarz)	Order no. (grau)
925-375-00	925-399-00

Card for RFUD reader HID HITAG 125 kHz



- The cards can be printed individually

Order no.
925-397-00

Subject to technical modification. Picture can differ from actual product.



Door handle with emergency key unlock

This handle can be opened remotely using the EMI-One system to provide on-site access to a user. If the handle is not actuated, it closes automatically.

The opening state of the handle is transmitted to the system through the built-in reed contact.

The emergency opening (eg power failure) is possible by means of a key.

Included in delivery is lock EK 333. Different locks on request. To do this, the cover must be removed above the lock cylinder. The cylinder cover is destroyed and must be replaced.

In addition to the above functions, the handle can be combined with RFID readers!

- Standard cable length 2.5 m



Order no.
925-395-10

GSM Module

Allows the sending of SMS and e-mail messages (SMTP SSL). By using the GSM module, the user has the additional assurance that he will receive the information immediately after an error has occurred.

Version 1: Local

- GSM module local will be connected directly to the EMI-One. This module sends SMS and e-mails from an EMI device
- Power is supplied by EMI-One
- Standard cable length 1.0 m
- Standard cable length of the GSM antenna 3.0 m

Version 2: Network

- GSM network gateway has the same functionality as version 1
- is additionally connected via Ethernet and can support multiple EMI devices (in the same LAN)



Order no. (Version 1)	Order no. (Version 2)
925-372-00	925-373-00

Subject to technical modification. Picture can differ from actual product.

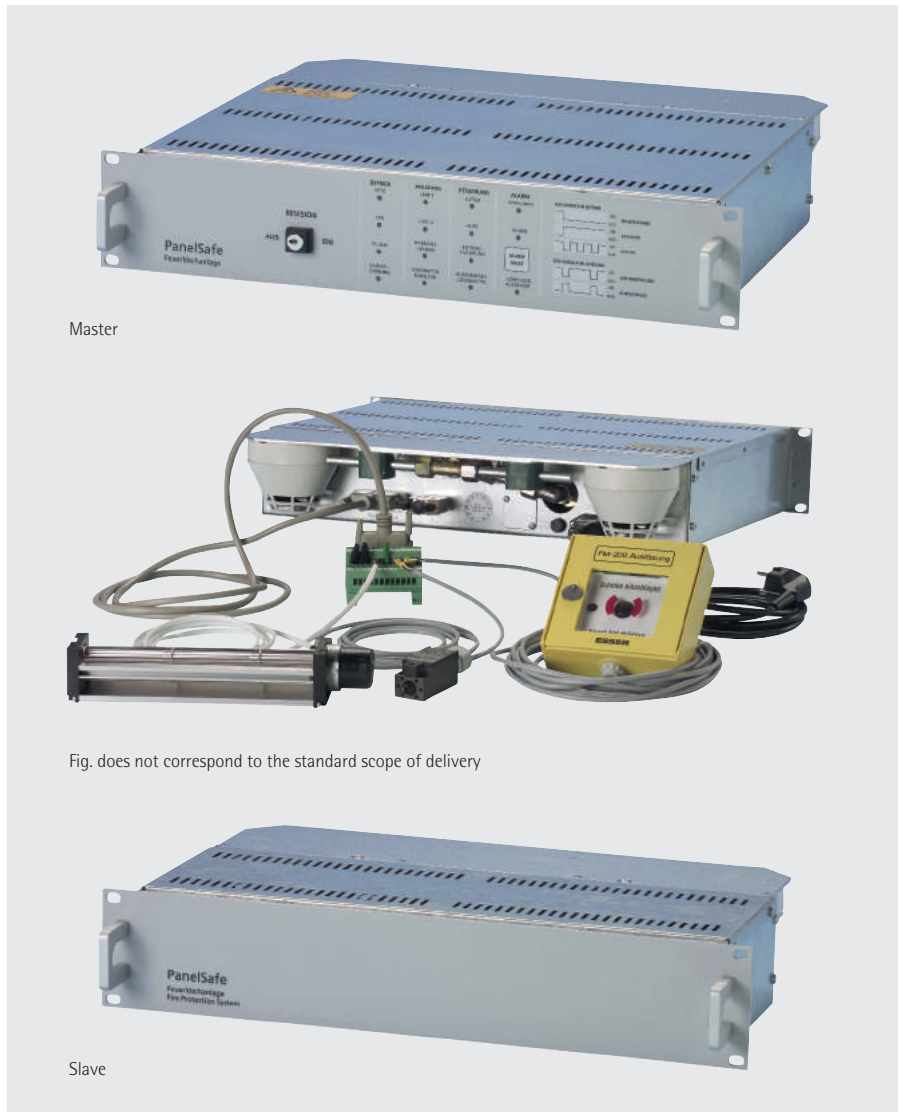


19"- Fire extinguishing system

The cabinet extinguishing system can be easily and space-savingsly integrated in commercially available, closed 19" cabinets up to a cabinet volume of 1.2 m³. Larger cabinets or related cabinet units can be equipped with max. 4 slave units (1.2 m³ per slave) can be realized.

Convincing product features:

- Space-saving 19" format with only 2 height units (per master / slave)
 - Quick detection by early fire detection inside the 19" cabinet
 - Fast extinguishing by applying the effective quenching gas FM-200 in the cabinet
 - Easy installation and commissioning through pre-assembled components
 - Easy maintenance due to modular design
 - Fast and reliable detection of events through detailed LED displays
 - Secure protection even from large cabinets through the use of slave units
- Scope of delivery Master slot:
- Insert 2 HE
 - The transfer distribution
 - extinguishing fan
 - Door contact switch (1x)
 - For each additional door you need an additional door contact switch



Description	Order no.
master slot	235-110-00
slave slot	235-110-05
connection cable (slave)	235-110-07
door contact switch	235-110-06
sliding rail*	316-544-20

* We recommend that you attach a set of slide rails per slot because of the weight of the slots.

Commissioning of the extinguishing system is not included in the scope of delivery and must be carried out on site by qualified personnel! We are pleased to offer you commissioning on request.



235 • 19"-Fire extinguishing system / TiRAX "cool & safe" IP 54



Technical data	Master	Slave
Input voltage	230 VAC	
Output voltage	24 VDC, for external control purposes as well as horn and extinguishing fan	
Battery	2 Ah (sufficient for 4 hours)	
Monitored inputs and outputs	for mains, smoke detector 1 and 2, manual release, door contact switch, Extinguishing fan, horn, ext. control	
Potential-free relay outputs	for pre-alarm, main alarm, collective fault and object shutdown (loadable 30 VA)	
displays	mains, CPU, collective fault, smoke detector 1 & 2, manual release, extinguishing agent tank (pressure switch), extinguishing fan, horn, triggering element, pre-alarm, main alarm, extinguishing triggered	
smoke detectors	2 optical scattered light detectors in dual detector dependency	
extinguishing agents	FM-200, C3F7 H/N2 (25 bar) / alternatively Novec 1230	
extinguishing agent container	1 litre for max. 1.2 m ³ protective volume approved according to RL 97/23/EG and RL 1999/36/EG	
Temperature range	0 °C to 40 °C	
Width / Height	19" / 2 U	
Mounting depth	403,25 mm	265 mm
Weight	ca. 14 kg	ca. 8 kg

TiRAX "cool & safe", IP 54

- dismantlable steel profile cabinet frame
- two side push-in doors with quick release
- front-view door with three-point locking and tinted tempered safety glass
- rear sheet steel door with three-point locking (installation also possible as side door)
- both doors suitable for receiving a profile half-cylinder
- 19" level front and rear
- roof, one-piece
- floor panel multi-part, with foam cable entry
- grounding set mounted
- base H = 100 mm
- screw set M 5 (50-fold)

• 19" - Fire extinguishing system

- master module 2 HE
- door contact switch for suppressing the deletion when opening the doors
- slide rail set, depth-variable
- two multifunction crossbeams

• Air conditioning:

- Air conditioner 1050 W (Ta35 / Ti35) mounted on side push-in door (push-in door can be mounted on the right or left)

Finish:

Trim part, base:
RAL 7035 light grey
Design profiles:
RAL 5014 pigeon blue

Dimensions (H x W x D):

(2000 + 100) x (800 + 138) x 1000 mm

Delivery:

fully assembled, base provided



Detail: 19" fire extinguishing system installed in the TiRAX "cool & safe" cabinet

Order no.

318-202-76