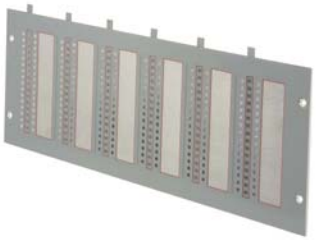
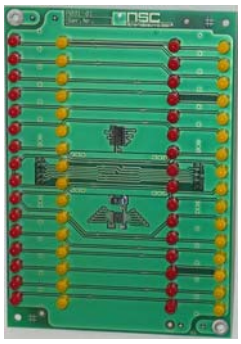
Modular Fire Control Panels „Solution F1“

Order No.	Picture	Description
B01050-00	 Photo : F1-6 in housing A2 and incl. zone LEDs	**Fire Control Panel "Solution F1-6" Standard configuration for 2-6 loops and max. 762 detectors / modules with power supply 4 A / 24 V included** Modular, intelligent and ultra modern Fire Control Panel for analogue addressable detectors and conventional detectors. Prepared for 2 to 6 loops and / or 8 to 24 conventional zones. Supports Hochiki ESP and CDX detectors as well as Apollo Orbis, XP95 and Discovery. **The standard configuration includes :** – Power supply 24V / 4,0A, main board with 32 bit CPU and Touch Control Panel with graphics LCD module 240 x 64 pixel – Slots for a maximum of 3 loop cards and / or conventional detector cards – Interface for German Fire Brigade Control Panel – Interface for Fire Brigade Key Deposit Box – 3 separate power outputs for alarm transmission device / sounders / strobes, each 24V / 500 mA – Up to 8 programmable push buttons (e.g. for macros) – A max. of 512 zones can be organized – USB interface for PC configuration – Up- and Download of operating software – 100 % redundant RS-485 interface – 3 separate RS-232 interfaces – Interface for transmission modem “I-Module” (option). Transmission can be by analogue modem, ISDN or Ethernet – 4 programmable relays – 2 conventional zones for special applications like monitoring of extinguishing systems – 16 programmable digital O/C outputs – 8 programmable monitored inputs – 3 opto coupled outputs – Earth fault detection – Slot for network card – 3 fused power supply outputs Please select housing separately. **Technical specifications :** Mains AC : 230 V AC, 50/60 Hz Operating voltage : 24 V DC Quiescent current : 90 mA Loops / Spurs : 2 – 6 / 8 - 24 Power supply : 4,0 A / 24 V Batteries : max. 40 Ah / 24 V Weight : 14,9 kg with housing A1 Dimensions : see housings **VdS approval : G 205 024** **VdS System approval : S 205 024** **EC-certificate : 0786-CPD-20907**

Order No.	Picture	Description
B01060-00	 Photo : F1-18 in housing B2 and incl. zone LEDs	**Fire Control Panel "Solution F1-18" Standard configuration for 2-18 loops and max. 2.286 detectors / modules with power supply 7,0 A / 24 V included** Modular, intelligent and ultra modern Fire Control Panel for analogue addressable detectors and conventional detectors. Prepared for 2 to 18 loops and / or 8 to 72 conventional zones. Supports Hochiki ESP and CDX detectors as well as Apollo Orbis, XP95 and Discovery. **Additional features compared to „Solution F1-6“ :** – Panel can control up to 2.286 detectors / modules – Power supply 24 V / 7,0 A included – Slots for max. 9 loop cards and / or conventional detector cards – A max. of 1.024 zones can be organized – USB host interface e.g. for USB stick for export of panel data – Metal rack for additional mounting area inside the panel (for system components) – Interface for TFT display – Interface for Touch Screen LCD module – Slot for SD card to extend data memory – Interface for audio codec module Please select housing separately. **Technical specifications :** Mains AC : 230 V AC, 50/60 Hz Operating voltage : 24 V DC Quiescent current : 90 mA Loops / Spurs : 2 – 18 / 8 - 72 Power supply : 7,0 A / 24 V Batteries : max. 70 Ah / 24 V Weight : ca. 19,5 kg with housing B1 Dimensions : see housings **VdS approval : G 205 024** **VdS System approval : S 205 024** **EC-certificate : 0786-CPD-20907**

System components of FCP „Solution F1“

Order No.	Picture	Description
B01200-00		**19”-4HE front plate for up to 96 zone indication LEDs** – Up to 3 zone indication LED modules B01220-00 can be assembled behind this metal plate – Poly carbonate foil looks very worthwhile – Very attractive design – Strips with individual numbers can be fitted in to identify the zones – Strips with individual texts can be fitted in to describe the zones Please choose the numbers of 32 LED zone indication modules B01220-00 separately. **Technical specifications:** Material : Alu / poly carbonate Colour : platinum grey, RAL 7036 Dimensions : 483 x 176 x 3 mm (W x H x D) **VdS No : G 205 024**
B01220-00		**32 LEDs zone indication module** – LED module with 32 red / 32 yellow LEDs for zone indication – For mounting at front plate B01200-00 above – Zone LED programmable – Up to 192 zone LEDs can be mounted in one panel **Technical specifications :** Dimensions : 483 104 x 150 x 26 mm (W x H x D) **VdS-Nr. : G 205 024**
B01230-00		**Printer (Built-In version) with RS-232 interface and power supply** – Interfacing to Fire Alarm Control Panel by included RS-232 interface – Thermal printer with 24 characters per line – Controller and power supply included – Memory 8 k RAM included for fast data transmission **Technical specifications :** Paper width : 58 mm Characters / line : 40 Colour : grey Dimensions (W x H x D) : 85 x 85 x 55 mm
B01231-00		**Spare paper role for Printer** One role 58mm, diameter 37mm

Order No.	Picture	Description
B01260-00		**Loop card for System F1, supports 2 loops / 4 spurs of Hochiki ESP detectors** – 100% compatible to ESP detectors – supports **2 loops each with 254 detectors / modules / sounders** or alternative 8 spurs – free programmable zones – **max. loop cable length 3.500 m (cable JY-(ST)Y-2x2x0,8)** – 8 free programmable O/C-Outputs – Shielding monitored for open wire – Shielding monitored for short circuit with +/- loop – Earth fault detection – Fail-safe mode in case of Micro Processor failure **Technical specifications :** Quiescent current : 40 mA max. current per loop : 200 mA Weight : 200 g Dimensions (W x H x D) : 170 x 110 x 20 mm **VdS No. : G 205 024**
B01265-00		**Loop card for System F1, supports 2 loops / 4 spurs of Apollo detectors XP95, XPlorer and Discovery** – 100% compatible to all Apollo detectors – supports 2 loops each with 126 detectors / modules / sounders or alternative 8 spurs – free programmable zones – **max. loop cable length 3.500 m (cable JY-(ST)Y-2x2x0,8)** – 8 free programmable O/C-Outputs – Shielding monitored for open wire – Shielding monitored for short circuit with +/- loop – Earth fault detection – Fail-safe mode in case of Micro Processor failure **Technical specifications :** Quiescent current : 40 mA max. current per loop : 230 mA Weight : 200 g Dimensions (W x H x D) : 170 x 110 x 20 mm **VdS No. : G 205 024**

Order No.	Picture	Description
B01270-00		**Loop card for F1 system, supports 2 loops / 8 spurs of Hochiki ESP detectors, 100% redundant** **(According to EN-54 regulations necessary if more than 512 detectors are connected)** – with doubled Micro Processor, Operating System memory and RAM; this means all system functions are still controlled in case of Micro Processor failure – 100% compatible to ESP detectors – supports **2 loops each with 254 detectors / modules / sounders** or alternative 8 spurs – free programmable zones – **max. loop cable length 3.500 m (cable JY-(ST)Y-2x2x0,8)** – 8 free programmable O/C-Outputs – Shielding monitored for open wire – Shielding monitored for short circuit with +/- loop – Earth fault detection **Technical specifications :** Quiescent current : 45 mA max. current per loop : 200 mA Weight : 250 g Dimensions (W x H x D) : 170 x 110 x 20 mm **VdS No. : G 205 024**
B01275-00		**Loop card for F1 system, supports 2 loops / 8 spurs of Apollo detectors XP95, XPlorer and Discovery, 100% redundant** **(According to EN-54 regulations necessary if more than 512 detectors are connected)** – with doubled Micro Processor, Operating System memory and RAM; this means all system functions are still controlled in case of Micro Processor failure – 100% compatible to all Apollo detectors – supports 2 loops each with 126 detectors / modules / sounders or alternative 8 spurs – free programmable zones – **max. loop cable length 3.500 m (cable JY-(ST)Y-2x2x0,8)** – 8 free programmable O/C-Outputs – Shielding monitored for open wire – Shielding monitored for short circuit with +/- loop – Earth fault detection **Technical specifications :** Quiescent current : 45 mA max. current per loop : 230 mA Weight : 250 g Dimensions (W x H x D) : 170 x 110 x 20 mm **VdS No. : G 205 024**

Order No.	Picture	Description

B01300-00

Conventional detector card for F1 system, supports 8 spurs of conventional detectors

- Supports nearly all conventional detectors of the fire detection market
- according VdS regulations max. 32 detectors per spur
- 8 free programmable O/C-Outputs
- Earth fault detection
- Fail safe mode in case of Micro Processor failure

Technical specifications :

Quiescent current :	30 mA w/o sensors
Weight :	200 g
Dimensions (W x H x D) :	170 x 110 x 20 mm

VdS No. : G 205 024

B01310-00

Conventional detector card for F1 system, supports 8 spurs of conventional detectors, 100% redundant

- with doubled Micro Processor, Operating System memory and RAM; this means all system functions are controlled in case of Micro Processor failure
- Supports nearly all conventional detectors of the fire detection market
- according VdS regulations max. 32 detectors per spur
- 8 free programmable O/C-Outputs
- Earth fault detection

Technical specifications :

Quiescent current :	35 mA w/o sensors
Weight :	250 g
Dimensions (W x H x D) :	170 x 110 x 20 mm

VdS No. : G 205 024

B01330-00

Universal Relay card with 8 c/o contacts

- For universal applications but ideally for System F1 and F2
- 8 programmable dry relay contacts, 250V / 5A
- Pluggable terminals for easy service / wiring
- Activation e.g. by O/C output of loop card / conventional detector card
- Possibility of "Unset Mode" in case of maintenance of the system

Technical specifications :

Quiescent current :	5 mA
Contacts :	8 x change over
Max. Load :	250V AC / 5 A
Weight :	200 g
Dimensions (W x H x D) :	127 x 85 x 20 mm

VdS No. : G 205 024

Order No.	Picture	Description
F20040-11		**Redundant CPU card P040-xx for Fire Control Panels "Solution F1"** – Additional module to achieve a full redundant main board – According to EN54 standard necessary if more than 512 detectors are connected **VdS-Nr. : G 205 024**
B01340-00		**Extinguishing interface according to VdS standards, 8 extinguishing outputs** – Module incl. 8 relay outputs to activate extinguishing panel – Including 8 inputs to monitor the extinguishing panel – Installed and wired in FCP "Solution F1" **Technical specifications :** Quiescent current : 64 mA Outputs : 8 relays Relay contacts : 230V AC / 5 A Weight : 280 g Dimensions : 127 x 85 x 20 mm plus 170 x 110 x 20 (WxLxD) **VdS-Nr. : G 205 024**
B01345-00		**Network software for FCP "Solution F1", for use with ARCNET interface card** – Multi-Master network software for data communication of ARCNET – Access via ARCNET interface card – Incl. data exchange server functionality – Organisation of all zones and detectors within the network; e.g. indication and operation of all zones and detectors – By configuration software the organisation can be restricted to defined zones and detectors – Calculate the software once per network
B01350-00		**ARCNET Interface card for "Solution F1" panels** – To plug into a slot of the FCP main board – Connecting to the multi master communications system with a **maximum of 128 panels** – Can be plugged into the FCP twice to realize a full redundant network – Very high reliability **Technical specifications :** Operating voltage : 24 V DC Current consumption : 30 mA ARCNET Interface : up to 128 nodes Cable length : max. 1.200 m Weight: 0,1kg Dimensions : 80 x 48 x 20 mm

Interfaces for FCP „Solution F1“

Order No.	Picture	Description
B01360-00		**ESPA Interface 4.4.4 for Fire Control Panels "Solution F1"** – Serial interface / protocol to connect the FCP „Solution F1-6“ and „Solution F1-18“ to telephone and evacuation systems – Software for using the RS-232 interface of the „Solution F1“ – Transmission of alarm text messages – Activation by special access code
B01361-00		**„LIST” protocol / interface for Fire Control Panels "Solution F1"** – Serial interface / protocol to connect the linear heat cable system “Listec” to the FCP „Solution F1-6“ and „Solution F1-18“ (see chapter 5) – All information incl. address and temperature of the addressable heat elements are passed to the F1 panels – Software for using the RS-232 interface of the „Solution F1“ – Activation by special access code
B01362-00		**OPC Server Software, based on RS-232/ MODBUS interface** – Serial interface / protocol to connect the F1 panels to an OPC Server – Software for using the RS-232 interface of the „Solution F1“ – Activation by special access code
B01363-00		**MODBUS protocol for FCP "Solution F1"** – Software module using the integrated RS232 interface to provide MODBUS protocol – For interfacing other systems via MODBUS – Activation by special access code

Remote Control / Remote Configuration of FCPs

Order No.	Picture	Description
B01370-00		**Analogue Telephone modem for remote control software of the „Solution F1/F2"** – Supported by the configuration software it is possible to operate and analyse the fire control panel by telephone modem – For fitting in a slot of the main board – Power supply by the main board **Technical specifications :** Quiescent current 140 mA Ambient temperature : 0 – 55° C Data rate : max. 56.000 bps Dimensions : 56 x 56 x 14 mm
B01373-00		**ISDN Telephone modem for remote control software of the „Solution F1/F2"** – Supported by the configuration software it is possible to operate and analyse the fire control panel by telephone modem – For fitting in a slot of the main board – Power supply by the main board **Technical specifications :** Quiescent current : 40 mA Ambient temperature : 0 – 55° C Data rate : max. 64.000 bps Dimensions : 56 x 56 x 14 mm
B01375-00		**Ethernet Interface 3.1b for remote control of „Solution F1/F2“ by TCP/IP protocol** – Use of programming and configuration software via TCP/IP protocol – Provides connectivity to the internet – Use in FCP "Solution F1/F2” and remote control panel B01500-00 – „Plug&play“ in specific slot of FCP – Power supply by FCP; so battery-powered in case of Mains AC fault **Technical specifications :** Quiescent current : 140 mA Ambient temperature : 0 - 55° C Dimensions : 56 x 56 x 14 mm
B01390-00		**Download cable for updating of loop cards and conventional detector cards of the "Solution F1"** FDT software necessary (free of charge)

Order No.	Picture	Description
B01395-00		**Configuration software for Windows** – Windows Explorer based software and so it is very easy and fast to handle – Implemented by Windows.NET – For configuration of detectors, zones, inputs, outputs, loops and spurs – For analysing of analogue values / cable resistors / statistics / event memory – Drag- and drop functionalities – CD-ROM with auto start and setup
B01396-00		**Modem software (Remote control software) for "Solution F1" panel** – For use with modem B01370-00 or B01373-00 (please order modem separately) – Panel firmware module to use full functional Windows software B01395-00 – For configuration of detectors, zones, inputs, outputs, loops and spurs – For analysing of analogue values / contamination / statistics / event memory

Steel Housings for Fire Control Panels „Solution F1“

Housing A : max. 6 loops / 24 conventional spurs

Order No.	Picture	Description
B01400-00	 (Photo of housing A1 incl. FCP „Solution F1-68“)	**Housing A1 for the F1 system, space for max. 6 loops / 24 conventional spurs and 2 pcs. 18 Ah / 12 V batteries** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" – Housing cover for 4HE touch control panel – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 18 Ah / 24 V Dimensions : 490 x 540 x 158 mm (H x W x D) **VdS No. : G 205 024**
B01405-00	 (Photo of housing A2 incl. FCP „Solution F1-6“ and zone LEDs)	**Housing A2 for the F1 system, cover for max. 96 zone LEDs, space for max. 6 loops / 24 conventional spurs and 2 pcs. batteries 18 Ah / 12 V** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" – Housing cover for 4HE touch control panel as well as for an additional 4HE front plate with max. 96 LEDS of zone alarms – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 18 Ah / 24 V Dimensions : 490 x 540 x 243 mm (H x W x D) **VdS No. : G 205 024**

Housing B : max. 12 loops / 48 conventional spurs

Order No.	Picture	Description
B01410-00	 (Photo of housing B1 incl. FCP „Solution F1-18“)	**Housing B1 for the F1 system, space for max. 12 loops / 48 conventional spurs and 2 pcs. batteries 40 Ah / 12 V** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" or “Solution F1-18” – Housing cover for 4HE touch control panel – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 40 Ah / 24 V Dimensions : 540 x 540 x 243 mm (H x W x D) **VdS No. : G 205 024**
B01415-00	 (Photo of housing B2 incl. FCP „Solution F1-18“ and zone LEDs)	**Housing B2 for the F1 system, cover for max. 96 zone LEDs, space for max. 12 loops / 48 conventional spurs and 2 pcs. batteries 40 Ah / 12 V** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" or “Solution F1-18” – Housing cover for 4HE touch control panel as well as for an additional 4HE front plate with max. 96 LEDS of zone alarms – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 40 Ah / 24 V Dimensions : 540 x 540 x 243 mm (H x W x D) **VdS No. : G 205 024**

Housing C : max. 18 loops / 72 conventional spurs

Order No.	Picture	Description
B01420-00		**Housing C1 for the F1 system, space for max. 18 loops / 72 conventional spurs and 2 pcs. batteries 65 Ah / 12 V** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" or "Solution F1-18" – Housing cover for 4HE touch control panel – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 65 Ah / 24 V Dimensions : 760 x 540 x 265 mm (H x W x D) **VdS No. : G 205 024**
B01425-00		**Housing C2 for the F1 system, cover for max. 192 zone LEDs, space for max. 18 loops / 72 conventional spurs and 2 pcs. batteries 65 Ah / 12 V** – without electronics – suitable to fit in a standard configuration of the "Solution F1-6" or "Solution F1-18" – Housing cover for 4HE touch control panel as well as for two additional 4HE front plates with max. 192 LEDs of zone alarms – Key lockable **Technical specifications :** Material : steel, RAL 7035 Space for batteries : max. 65 Ah / 24 V Dimensions : 760 x 540 x 265 mm (H x W x D) **VdS No. : G 205 024**
B01440-00		**Spare Key (Set of 2 pcs.) for F1 Housings A, B or C**

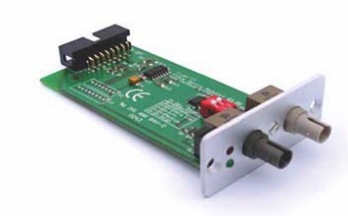
19“ Housings for Fire Control Panels „Solution F1“

Order No.	Picture	Description
B01450-00		**19" Housing 38 HE with glass door and swing mounting rack to assemble FCP “Solution F1”** – Without electronics – Glass door with security locker – “Solution F1” Fire Control Panels can be assembled as well as other systems – Side walls and back board can be taken off **Technical specifications :** Space for batteries : max. 2 x 115Ah / 12V Colour : RAL 7035 Dimensions : 1850 x 800 x 800 mm
B01455-00		**19" Housing 43 HE with glass door and swing mounting rack to assemble FCP “Solution F1”** – Without electronics – Glass door with security locker – “Solution F1” Fire Control Panels can be assembled as well as other systems – Side walls and back board can be taken off **Technical specifications :** Space for batteries : max. 2 x 115Ah / 12V Colour : RAL 7035 Dimensions : 2070 x 800 x 800 mm
B01466-00		**Wall mounted 19" Housing, 12HE, with glass door, middle part and back plate, max. 18 loops / 72 conventional spurs** – Without electronics – “Solution F1” Fire Control Panels can be assembled as well as 196 zone LEDs – Additional middle part of the housing to have better access to the terminals – Incl. Security locker **Technical specifications :** Space for batteries : max. 2 x 40Ah / 12V Colour : RAL 7035 Weight : 37kg Dimensions (HxWxD) : 615 x 600 x 373 mm

Order No.	Picture	Description
B01480-00		**Blind plate 19", 4HE for F1 System, grey** – Without electronics – To cover the front of the 19“ rack **Technical specifications :** Material : Aluminium Colour : RAL 7036 Dimensions : 482,5 x 176 x 3 mm
B01481-00		**Blind plate 19", 2HE for F1 System, grey** – Without electronics – To cover the front of the 19“ rack **Technical specifications :** Material : Aluminium Colour : RAL 7036 Dimensions : 482,5 x 88 x 3 mm
F01020-00		**Back board for 19" housings, for mounting of panel components PSU, Main board, loop cards, relay cards etc.** – To keep the PCBs and components on the back side of the 19”housing – Price does not include electronics – Please advise length of flat cables for the front fascia if using your own 19” housing **Technical specifications :** Material : Steel Colour : grey Dimensions : 527 x 527 x 22 mm

Network Technology (ARCNET) for the F1 system

Order No.	Picture	Description
B01500-00		**Control Panel w/o loops for the "Solution F1" system incl. ARCNET interface** – Control Panel w/o loops for the ARCNET communications system – Full operation and indication of all „Solution F1" Fire Control Panels in the network – Connecting to the multi master communications system with a maximum of 128 panels – Including touch technology and graphics LC module – including ARCNET interface card – supplied in surface mounted housing – Access codes for operating this panel according EN54, part 2 – 3 separate and monitored outputs, each 24V / 500 mA (fused) – including 3 x RS-232 / RS-485 interfaces – Interface for optional remote control modem (I-Module); data transfer via analogue, ISDN or Ethernet modem **Technical specifications :** Operating voltage : 24 V DC Current consumption : 80 mA ARCNET interface : up to 128 devices in one network Cable length : max. 1.200m Weight : 4,9 kg Dimensions (W x H x D): 495 x 176 x 75 mm
B01530-00		**ARCNET-Hub SH ARC-M3 for network extension (w/o Ports B01535-00)** – For extension of the ARCNET network by additional stub lines – It is possible to cascade ARCNET hubs SH ARC-M3. – Every hub has also functionality of a repeater for further 1.200 m cable length – Automatic detection of network baud rate – DIN rail housing – Power Supply 24 VDC – Every hub can contain up to 3 pcs. interface - modules (**Ports**) code no. B01535-00 – Please order at least two interface modules (Port) B01535-00 separately

Order No.	Picture	Description
B01535-00	 Photo : similar to original	**Interface module (Port) SH-RS485-M to fit in ARCNET-Hub** – To assemble in the ARCNET-Hub B01530-00 (1 Port means 1 ARCNET interface) – Up to 3 ports are possible in one ARCNET hub – Galvanic isolation – LED indication for status and activities – Input resistor selectable by DipSwitch **Technical specifications :** Operating voltage : +5 V/ < 400 mA Data rate : 0 to 10 Mbps Input voltage level : +/- 200 mV Polarity in quiescent condition : positiv Input resistance : ca. 120 Ohm Emitting level : min. +/- 3,0 V Connector : Sub-D 9pole female
B01550-00		**ARCNET / Fibre Optic converter** – Converter of ARCNET interface data to fibre optic signals (Multimode 820nm) – Distances of peer-to-peer connections up to 2.600 m – Surface mounted housing for DIN rail according DIN 50022 **Technical specifications :** Operating voltage : 18 - 30 V DC Current consumption : 200 mA max Data rate : 5 MBit/s max Distance of fibre optic cable : max. 2.600 m Optical terminal : F-ST 820 nm Housing : DIN rail according DIN 50022 Operating temperature : 0 to 70°C Dimensions (W x H x D) : 82 x 93 x 23 mm

Network Technology (RS-485) for FCPs “F1 / F2”

Order No.	Picture	Description
B01520-01		**LCD Repeater Panel with graphics display and RS-485 interface, English version** – Incl. graphics LCD module to display alarm, fault and disabled messages; incl. buzzer – English texts on front fascia and LCD – Can be connected directly to the Fire Control Panel interface (RS-485) – Up to 63 LCD Repeater Panels connectable to one Fire Control Panel – **No network software required** – Incl. push buttons for message scrolling, switching off the buzzer and to choose the kind of displayed messages – Incl. steel housing for surface mounting – No configuration necessary because datas are transmitted from the FCP – Several LEDs for “In Operation”, “Alarm”, “Fault” and “Disabling” **Technical specifications :** Operating voltage : 21 - 28 V DC Quiescent current : 37 mA Operating temperature : 0 to 40°C Interface : RS-485 Max. cable length to CIE : 1.200 m Housing : steel, coated RAL7035 Dimensions (W x H x D) : 240 x 180 x 30 mm
B01520-02		**LCD Repeater Panel with graphics display and RS-485 interface** – **Portuguese version**
B01520-03		**LCD Repeater Panel with graphics display and RS-485 interface** – **Italian version**
B01520-04		**LCD Repeater Panel with graphics display and RS-485 interface** – **Dutch version**
B01520-05		**LCD Repeater Panel with graphics display and RS-485 interface** – **Czech version**