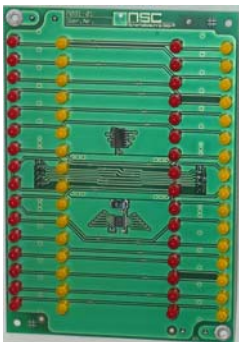


Addressable Fire Control Panel „Solution F2“

Order No.	Picture	Description
B01070-00		Fire Control Panel "Solution F2" incl. one Loop Module, PSU 2,5A and Housing A Modular, intelligent and very modern Fire Control Panel for analogue addressable detectors. Ideal for small and middle size applications. Supports Hochiki ESP detectors as well as Apollo XPlorer, XP95 and Discovery. The standard configuration includes : – 1 loop supporting 127 (126) detectors / modules / Loop-Sounder (in case of Hochiki ESP : plus 127 loop sounders in the upper address range) – max. cable length 3.500 m (2x2x0,8) – 100% compatible to Hochiki ESP detectors and Apollo XP95, Xplorer and Discovery – PSU 24V / 2,5A, Main board and Control Panel incl. graphics LCD 240 x 64 – Slot for second loop module – Slot for RS485 extension card – 2 programmable push buttons – 250 programmable zones – USB interface for PC configuration – 2 further RS232 interfaces – 2 separate power outputs for alarm transmission device / sounders / strobes, each 24V / 500 mA – Up- and Download of operating software – Interface for transmission modem "I-Module" (option). Transmission can be by analogue modem, ISDN or Ethernet – 3 programmable relays (30V DC / 1 Amp) – 8 digital O/C outputs, programmable – Earth fault detection – 3 fused power supply outputs Possible extensions : – 2. loop module, part no. B01100-00 – Interface module RS485, part no. B01115-00 – modem for remote access B01370-00/B01373-00/B01375-00 Technical specifications : Mains AC : 230 V AC, 50/60 Hz Operating voltage : 24 V DC Power Supply Unit : 2,5 A Quiescent current : 101 mA Loop current : max. 450 mA Loop cable length : <u>max. 3.500m (cable JY-(ST)Y-2x2x0,8)</u> Operating temperature : -5°C to +40°C Humidity : max. 95 % IP rating : IP 42 Loops / Stub lines : 1 (max 2) / 2 (max 4) Battery capacity : max. 12 Ah / 24 V Weight : 6,5 kg w/o batteries Dimensions (WxHxD) : 370 x 320 x 128 mm VdS No. : G 208 145 VdS System approval : S 205 024 EC Certificate 0786-CPD-20670

Order No.	Picture	Description
B01080-00		Fire Control Panel "Solution F2" incl. one Loop Module, PSU 3,5A and Housing B1 Modular, intelligent and very modern Fire Control Panel for analogue addressable detectors. Ideal for small and middle size applications. Supports Hochiki ESP detectors as well as all Apollo protocols. Software incorporates all above mentioned protocols. Standard configuration as B01070-00 but additional : – PSU 24V / 3,5A, Main Board and Control Panel incl. graphics LCD 240 x 64 – Slot for I/O extension – Space for batteries 2 x 12V/24Ah Possible extensions : – 2. loop module Order no. B01100-00 – I/O module, Order no. B01110-00 – Interface module RS485, Order no. B01115-00 – 2 x 32 zone LEDs, Order no. B01220-00 – 1 x Relay Card B01330-00 – Built-In-Printer, Order no. B01230-00 – modem for eemote access B01370-00/B01373-00/B01375-00 Technical specifications : Mains AC : 230 V AC, 50/60 Hz Operating voltage : 24 V DC Power Supply Unit : 3,5 A Quiescent current : 101 mA Loop current : max. 450 mA Loop cable length : <u>max. 3.500m (cable JY-(ST)Y-2x2x0,8)</u> Operating temperature : -5°C to +40°C Humidity : max. 95 % IP rating : IP 42 Loops / Stub lines : 1 (max 2) / 2 (max 4) Battery capacity : max. 24 Ah / 24 V Weight : 8,5 kg w/o batteries Dimensions (WxHxD) : 500 x 440 x 175 mm VdS No. : G 208 145 VdS System approval : S 205 024 EC Certificate 0786-CPD-20670
B01090-00		Fire Control Panel "Solution F2" incl. one Loop Module, PSU 3,5A and Housing B2 As above (B01080-00) but no zone LEDs Technical specifications : As above (B01080-00) VdS No. : G 208 145 VdS System approval : S 205 024 EC Certificate 0786-CPD-20670

Order No.	Picture	Description
B01100-00		Loop extension module This loop module provides one additional loop for the "Solution F2" panel and it supports the Hochiki ESP detectors as well as all addressable Apollo detectors. 127 detectors, beacons and modules can be connected (Apollo 126). In case of using Hochiki's ESP protocol further 127 base sounders can be addressed in the upper address range. Technical specifications : Quiescent current : 5 mA Loop current : max. 450 mA Loop cable length : <u>max. 3.500m (cable JY-(ST)Y-2x2x0,8</u> Weight : 150 g Dimensions (WxHxD) : 120 x 60 x 20 mm VdS No. : G 208 145
B01110-00		I/O Interface Card This module can be used as universal I/O module or as interface for the German Fire Brigade. Peripheral devices as Fire Brigade Control Panel, the Alarm Transmission Device and the Key-Deposit-Box can be connected. – 3 programmable dry relay contacts – 2 programmable and monitored power outputs (e.g. for sounder / beacons) – 1 monitored input (zone) – 8 digital & programmable inputs – 8 digital & programmable outputs – 2 DC outputs 24V, 500mA each Technical specifications : Quiescent current : 3 mA Relay contacts : max. 30V DC / 1A OC outputs : max. 30V DC / 50mA Monitored outputs : max 24V DC / 500mA VdS No. : G 208 145
B01115-00		RS485 Interface card (redundant) The RS485 interface card provides two separate RS485 interfaces (redundant). So these can be used to connect building management systems (BMS) or LCD repeater panels. If you are using them as a redundant RS485 interface the German Fire Brigade LCD Repeater Panel (FAT) can be connected according to DIN 14662. – The protocol and the baud rate are programmable by the "Solution F2" software. – max. RS485 cable length : 1.200 m – 1 fused power supply output 24VDC / 500mA Technical specifications : Quiescent current : 16 mA RS-485 interface : 2 x (redundant), max. cable length 1.200 m VdS No. : G 208 145

Order No.	Picture	Description
B01220-00		32-LED zone indication module – LED module with 32 red / 32 yellow LEDs for zone indication – For mounting behind front plate – Zone LEDs programmable Technical specifications : Dimensions : 104 x 150 x 26 mm (W x H x D) VdS No. : G 205 024
B01230-00		Printer (Built-In version) with RS-232 interface and power supply – Can be mounted in housing B1 and B2 – Interfacing to F2 Fire Alarm Control Panel by included RS-232 interface – Thermal printer with 24 characters per line – Controller and power supply included – Memory 4 k RAM included for fast data transmission Technical specifications : Paper width : 58 mm Characters / line : 40 Colour : grey Dimensions (WxHxD) : 85 x 85 x 55 mm
B01231-00		Spare paper role for Printer – One role 58mm, diameter 37mm
B01330-00		Universal Relay card with 8 c/o contacts – For universal applications but ideally for systems 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