

Fire Control Panel

detect 3004

order number : 31973



Microprocessor controlled modular fire control panel according to DIN EN 54, VDE 0833 and VdS approved. For use with the loop 3000 fire detection system components:

- display- and control panel DIN EN 54 part 2
- 4 alphanumeric lines LC-display with backlight
- 2 slots for detector interface boards
(max. to equip up to 4 loops or 16 conventional fire zones)
- 2 slots for fire brigade and network interface
- 128 programmable detector zones
- up to 4 x 126 loop 3000 components
- up to 16 inputs for conventional detector zones
- maximum loop length 3.000 m
(using installation cable IY(St)Y 2 x 0,8 mm)
- monitored loop operation with detection system loop 3000
- facility for integration of fire brigade interface, display panel, transmission- and key-depot adapter interface
- 3 potential-free relay outputs (250 V/5 A)
- 9 open collector outputs (30 V/90 mA)
- monitored signal transmitter (400 mA)
- 2 x RS-232 interfaces for personal computer, printer, modem, building management system
- network compatible via Bitbus interface up to 32 fire control panels or additional 63 Bitbus components
- operation and event memory for 500 messages (first in first out principle)
- possibility via mounting panel to integrate a protocol-printer and LED indicator modules for zone alarm and zone fault indication
- option to equip a redundant main board processor (second CPU)
- power supply 72 W and monitored battery condition
- storing space for two batteries 12 V/26 Ah

further approvals in different countries:

Hungary, Bulgaria, Lithuania, Czech Republic, Ukraine, Slovakia, Slovenia, Spain, Switzerland, Belgium

errors and alterations excepted



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technical data

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| | |
|-----------------------|--|
| operation temperature | -5°C up to +40°C |
| humidity | max. 95 % |
| protection class | IP 30 |
| colour housing | light grey, RAL 7035 |
| colour front | tele grey, RAL 7046 |
| material | sheet steel |
| DIN-EN | 54-2 |
| further approvals | VdS G203068, G207003, S295054, LPCB, GOST |
| dimensions | (H x W x D): 490 mm x 420 mm x 210 mm |
| catalogue page | 4 |
| weight | 12,5 kg |
| remarks | If you use a printer art.-no. 30106, you can only use 18 ah- or smaller batteries. |
| input voltage | 230 V AC (-15 %/+10 %) |
| frequency | 50/60 Hz |
| operation voltage | 21,0 up to 29,2 V DC |
| power supply | 72 Watt |
| emergency power | max. 2 x 12 V / 26 Ah |
| quiescent current | 86 mA |
| alarm current | 146 mA |
| interfaces | 2 x RS-232/-422 Bitbus (optional) |
| display | LCD 4 x 20 characters |
| zone LEDs | poss. for up to 48 zone indicators |

errors and alterations excepted



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| | |
|-----------------------|--------------------------------|
| output sounder | 24 V DC/400 mA monitored |
| output external user | 24 V DC/800 mA |
| output relay | 3 change over 250 V/5 A |
| output open collector | 9 open collector 30 V DC/90 mA |

errors and alterations excepted