

# H2-SIL

## Fire control panels

### Features

- ▶ Modular, intelligent hybrid Fire Control Panel series with 2 to 18 loops in a standard housing.
- ▶ Touch control panel and graphic LCD 240 x 64 dots.
- ▶ Integral Power supply 24 V DC with max. 6.7 A or 4.2 A as standard included.
- ▶ 32-bit high-performance CPU
- ▶ Redundant RS-485 interface (e.g. FAT)
- ▶ 3 x RS-232 interface
- ▶ PC programming (configuration/diagnostics) per USB interface.
- ▶ Fully redundant CPU and fully redundant loop -or conventional cards as an option.



### Description

H2-SIL Fire Alarm Control Panels are impressively modular and offer an ideal solution for every application being easy to adjust for highly complex projects. Without any compromises and at the highest level of safety technology.

The front panel design with a wear-free touch control panel is durable, user-

friendly, maintenance-free and unique with its glass-like appearance.

If increased reliability according to EN54 or VdS is required, a fully redundant central processing unit is used in conjunction with redundant system modules. In this way, increased security requirements are reliably covered.

### Specification

Supply voltage	230 V AC +10 / -15 %, 50 / 60 Hz
Output voltage	24 VDC
Power supply	4.2 A / 6.7 A
Operating temperature	-5 °C to +40 °C
Battery charging	10 Ah–65 Ah (24 VDC)
Humidity	Max. 95 %
Loops	2–18
Detector cable	JY-(ST)Y 2 x 2 x 0.8 / max. 3,500 m
Detectors / modules per loop	up to 254
Graphics display	240 x 64 dots
Event log	10,000 messages
Relay outputs	Max. 30 VDC / 1 A
Open Collector outputs	Max. 30 VDC / 60 mA
Monitored power outputs	3 x 24 VDC / 500 mA
Dimensions housing A	540 x 490 x 158 mm
Dimensions housing B	540 x 540 x 243 mm
Dimensions housing C	760 x 540 x 265 mm

### SIL2 Approval

According to IEC 61508	Remote monitoring of the operation of the FCP must be guaranteed
100% redundant CPU and loop cards required	Fully protective coated circuit boards
<b>APPROVALS:</b> EN54-13, VdS G 205 024, VdS S 205 024, 0786-CPD-20907, ÖNORM, BOSEC, CNBOP, EAC, SIL2 - IEC 61508	