

CSP-208

FIRE ALARM CONTROL PANEL

CSP – 200 series are advanced, conventional fire alarm control panels in full conformance with the requirements of EN54. They are designed for the implementation of simple systems in small and medium-sized facilities. The built-in LCD simplifies the system's day-to-day operation, its installation procedure and periodical maintenance. The benefits of the SATEL control panels are their uncomplicated installation, their aesthetic appearance and the use of a single, standard 12 V battery as a backup power supply source.

- 8 detection circuits,
- built-in LCD for easy day-to-day operation and system programming,
- supports remote and virtual panels (using **CSP-ETH** interface)
- 4 control inputs with functionality programmed by the installer
- 8 outputs programmed by the installer which enable interaction with other systems
- supports fire and damage transmission devices
- built-in backup power supply interfacing with a single battery 12 V and AUX 24 V and 18 V power outputs



TECHNICAL DATA

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|--|------------------------------|
| Operating temperature range | -5...+40 °C |
| Maximum humidity | 93±3% |
| Dimensions | 324 x 382 x 108 mm |
| Transit temperature range | -25...+55 °C |
| Normal mains power supply with mains voltage of | 230 V AC +10% , -15% 50 Hz |
| Maximum current draw from the mains | 500 mA |
| Operating duration of the stand-by supply | 72 h |
| Maximum charging current of the battery | 1,4 A |
| Maximum internal apparent resistance of the battery (with cables and terminals in a circuit) | 1 Ω |
| Current draw from the battery when detecting | 140 mA |
| Current draw from the battery when emitting an alarm | 215 mA |
| Current draw from an integrated AC power adapter when detecting | 115 mA |
| Current draw from an integrated AC power adapter when emitting an alarm | 170 mA |
| Sealing of the casing | IP30 |
| Weight without the battery | < 3 kg |
| Events storage capacity | 8999 |
| Alarm counter capacity | 9999 |
| Clock battery | 3 V (CR2032) |
| Output for communication with PC (service output) | Yes |
| Terminating resistor on terminals for communication with the remote panel | 100 Ω |
| Output for communication with remote panel and CSP-ETH module | Yes |
| Supply output +24V | 24 V DC +/-15% / 200 mA max. |
| Supply output AUX (only for connecting CSP-ETH module): in standard mode | 18 V DC +5%, -15% |
| Alarm resistor on the control input circuit | 1 kΩ +/- 5% |
| Terminating resistor on the control input circuit | 10 kΩ +/- 5% |
| Number of programmable control inputs | 4 |
| Electrical parameters of relay outputs | 1A / 30 V DC (NO or NC) |
| Number of detection circuits | 8 |
| Maximum resistance of the detection circuit | 100 Ω (2 x 50 Ω) |
| Maximum number of detectors on the detection circuit | 32 |
| Maximum number of manual call points (ROP) on the circuit | 10 |
| Terminating resistor on the detection circuit | 5,6 kΩ +/- 5% |
| Maximum detection current of the detection circuit | 10 mA |
| Maximum current in the circuit during an alarm | 40 mA |
| Current limiting level of the detection circuit | 54 mA |
| Maximum resistance of the circuit for alarm and fault signalling devices | 75 Ω (2 x 37,5 Ω) |
| Number of external circuits for signalling devices | 2 |
| Working voltage of the circuits for signalling devices | 24 V DC +/-15% |
| Maximum current of the circuits for signalling devices | 180 mA |
| Terminating resistor on the circuit for signalling devices | 10 kΩ +/- 5% |
| Number of alarm transmission circuits | 1 |
| Working voltage of the alarm transmission circuit | 24 V DC +/-15% |
| Maximum current of the alarm transmission circuit | 180 mA |
| Terminating resistor on the alarm transmission circuit | 10 kΩ +/- 5% |
| Number of fault transmission circuits | 1 |
| Working voltage of the fault transmission | 24 V DC +/-15% |
| Maximum current of the fault transmission circuit | 180 mA |
| Terminating resistor on the fault transmission circuit | 10 kΩ +/- 5% |
| Number of programmable relay outputs | 8 |
| Stand-by supply: internal acid battery | 12 V / 17 Ah |
| Stand-by supply: external acid battery | 12 V / ≤24 Ah |
| Supply output AUX (only for connection of CSP-ETH module): with AC power supply failure | 12 V DC +15%, -20% |