



Fire alarm control panel Solution F1

The concept

The "Solution F1" fire alarm panels are modular, highly modern fire alarm panels of the latest generation. They were developed to meet national and international standards as well as international particularities. And at the highest level.



Remote Control Panel

The control panels impress with many innovations - some unique in security technology - and also convince with their complete equipment. Many options, which are often charged additionally, are already included in the basic configuration. Thanks to the different

expansion stages and the design of the front panel, the "Solution F1" fire alarm control panels are a flexible and universal product that can be used for all applications. Thanks to its modularity, it can be perfectly adapted to the needs of the user.

Flexibility – also with the detectors that can be connected – was one of the top priorities during development. Of course, almost all limit value monitors commonly available on the market can be connected. Particularly noteworthy: The "Solution F1" control panels are compatible with the latest, addressable detectors, both from Hochiki and from Apollo - two of the largest and best-known detector manufacturers worldwide.

- Modular, intelligent hybrid fire alarm control panel series
- For Hochiki ESP detectors and Apollo XP95 / Discovery detectors
- 2 to 18 loops in standard housing
- New touch control panel
- Basic configuration already with graphic LC display 240 x 64 dots
- Integrated power pack 24 V DC with max. 6.7 A or 4.2 A
- 32-bit-High-Performance-CPU
- Up to 8MB flash and 8MB main memory
- Many useful features are already included in the basic configuration
- PC programming (configuration/diagnostics) via modem or USB interface
- Fully redundant central computer and fully redundant ring bus cards as an option



Solution F1

Reliability

If higher fail-safety than EN-54 and VdS is required for certain applications - no problem for the "Solution F1": Both the central computer can be 100% redundant, as can the important system boards, which evaluate and transmit the information from the detectors forward to the central computer. But the developers haven't stopped here in terms of reliability: The "Solution F1" has a new type of touch control panel - practically without mechanical wear parts - which is unique in safety technology and offers many advantages for the installer, but also for the operator of the system. It contains a pressure-sensitive piezo lacquer layer and no longer requires any adjustment or adjustment. Due to the glass-like

look of the surface material, it impresses with its very high-quality impression. It is robust against cleaning agents, absolutely wear-free over the years and also very stable against EMC interference.

The models

The "Solution F1-6" has an integrated power pack with a 24 V DC nominal output voltage at a maximum current of 4.2 A. With this control panel, a maximum of 6 ring circuits can be connected to each 254 ring bus participants (127 detectors plus 127 loop signal generators) and 512 zones can be managed. There are three different standard housings available, which should be selected according to the battery space required.

The larger "Solution F1-18" has a 24 V DC power supply unit with a nominal current of 6.7 A and can manage a maximum of 18 loops. Here, too, you can choose from the three standard housings. Compared to the "Solution F1-6", this control panel has additional equipment features such as 1024 freely programmable detector groups, USB host interface, metal rack for 2nd installation level for system boards, connection option for TFT display, SD card slot and interface to audio codec module.

Alternatively, both models can also be installed in a 19" housing. This does not require any conversion kits, mounting frames or similar. The control panels can basically be installed in 19". The pluggable, clear connection terminals are ideal for the technician, so that the installation and assembly can be carried out very easily and very quickly.



NSC web server module

For remote maintenance or diagnosis, the Solution-F1 centers can be equipped with an integrable modem (analogue or ISDN), for which a slot is available in the central computer.

Alternatively, a web server can be installed, with which the BMZ becomes a participant in the Internet.

Expansion options and compatible detectors

The Solution F1 offers a wide range of equipment variants and expansion options. You can find detailed information on this and on compatible ring bus detectors in the 12-page brochure: