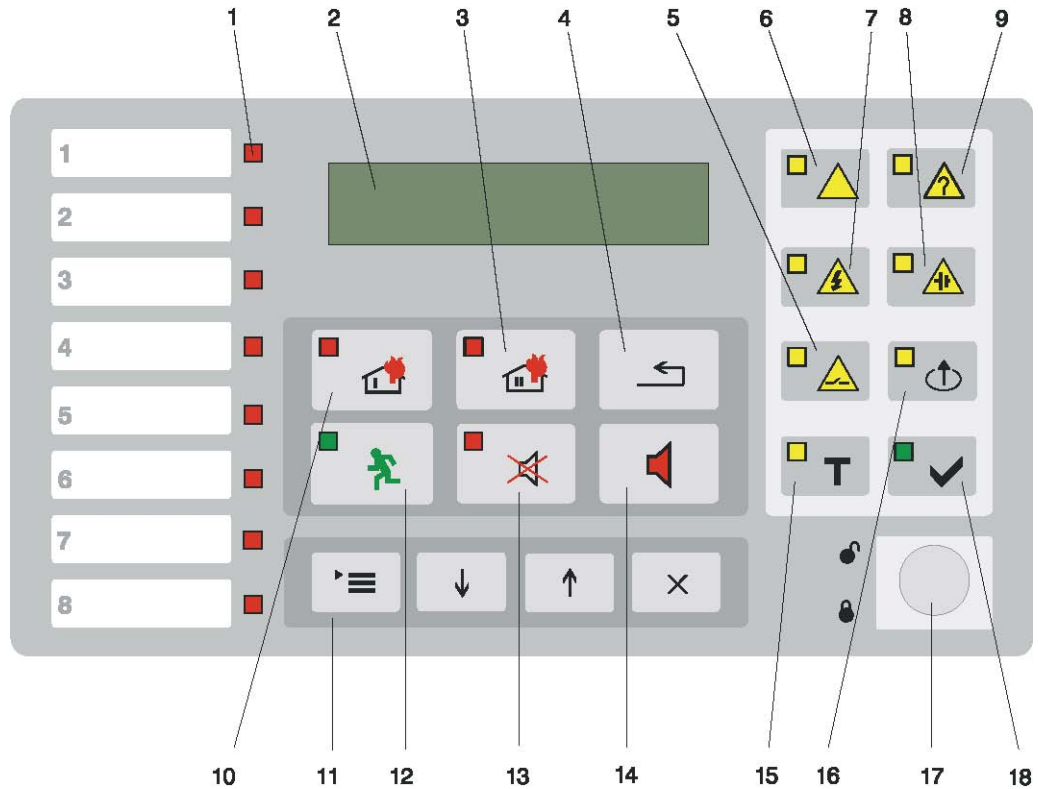


Service instructions for the staff for Fire Control Panel FS5100

1. Indications and buttons of FS 5100 Revision 4.06




- 1 Separate indicators for fire condition
- 2 LCD display (1x16)
- 3 Common indicator *Fire condition stage II*
- 4 Button *Reset Line*
- 5 Indicator *Out of order/disabled controllable output*
- 6 Indicator *System fault*
- 7 Indicator *Fault in mains power supply*
- 8 Indicator *Fault in backup batteries*
- 9 Common indicator for fault condition
- 10 Common indicator *Fire condition stage I*
- 11 Buttons for menu operations
- 12 Button with indicator *Inspection*
- 13 Button with indicator *Stop Alarm*
- 14 Button *Start Alarm*
- 15 Indicator *Test*
- 16 Indicator *Disabled component*
- 17 Key for Access Level 2
- 18 Indicator *Power Supply*

Fig. 1




2. Duty Mode of the control panel



Duty Mode is the status where no fire condition or fault condition is detected in the fire alarm system.


Only the green light indicator,  *Power Supply*, (pos.18) at Fig.1. is active. The message DUTY and information on current local time are shown on the control panel's display.



3. Actions of the staff on duty when a signal for fault condition is released

Light indications for various types of faults are shown on Fig. 1. Upon any registered fault condition the sounder of the fire control panel releases discontinuous signal.



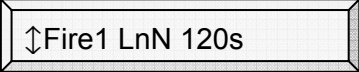
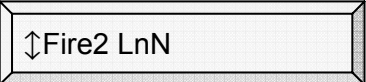
- To stop the sound signaling, turn the switch (pos.17), using the key, to position  and press button  (pos. 13). Simultaneously, indicator  (pos.13) is illuminated and the sound signaling is interrupted.

- In case indicators  and  are illuminated, and message *No 220 V* is displayed, check the power panel, supplying the control panel, for 220 V voltage. When the power supply is restored, the light indications for fault condition extinguish.








- Turn the switch (pos. 17) back to position .

In all other cases when fault condition is signaled, turn the switch (pos. 17) to position , press button  to stop the sounder and inform the service company.


4. Actions of the staff on duty when a signal for fire condition is released

In fire condition, in one or more zones, the control panel's sounder releases continuous sound signal and simultaneously, the separate indicators for fire conditions in zones (pos. 1), the common indicators  and/or  for fire condition start flashing. The text message  or  appears on the display.

In such case the following actions shall be performed:

- 4.1. Turn the switch (pos. 17) to position .
- 4.2. Press button  (pos.13), and the sound signaling for fire condition will be interrupted;
- 4.3. As fast as possible check for fire condition in the zones, outlined by the indicators, pos. 1, (activated fire detectors and remote indicators above the doors);
- 4.4. Options for further actions:
 - 4.4.1. If no fire exists (no smoke, heat or flames) and the activation of the fire detector is false alarm, quickly go back to the fire control panel and press the Reset Button  (pos.4). Then turn the switch (pos. 17) to position . The fire control panel is now set to Duty Mode. In case another false activation occurs in the same zone(s), turn the switch (pos. 17) to position  and press button  to stop the sound signaling. You should inform your services company.
 - 4.4.2. If fire condition exists (smoke, heat or flames), quickly go back to the fire control panel and press button  (pos.14) to activate signalization, interlocking systems and fire extinguishing. Then follow the measures in case of fire, set in the Fire Safety Code of the site. After the fire is extinguished, set the fire control panel to Duty Mode:

- Press button  (pos.4);

- Then turn the switch (pos.17) back to position .