



## INTELLIGENT CONTROL FOR MODERN FIRE DETECTION AND FIRE ALARM SYSTEMS

**Fire alarm control panels**  
from small and compact to  
large and networked

BC600-1L  
BC600



## RELIABLE AND INDIVIDUAL SOLUTION IN CASE OF EMERGENCY

The ideal solution for complex fire protection requirements – bundling all reports and status information for effective fire detection and alerting.

Fires require an immediate reaction. If a fire is detected, immediate alerting is necessary to save lives and protect valuables. A fire detection and fire alarm system is the basis for this.

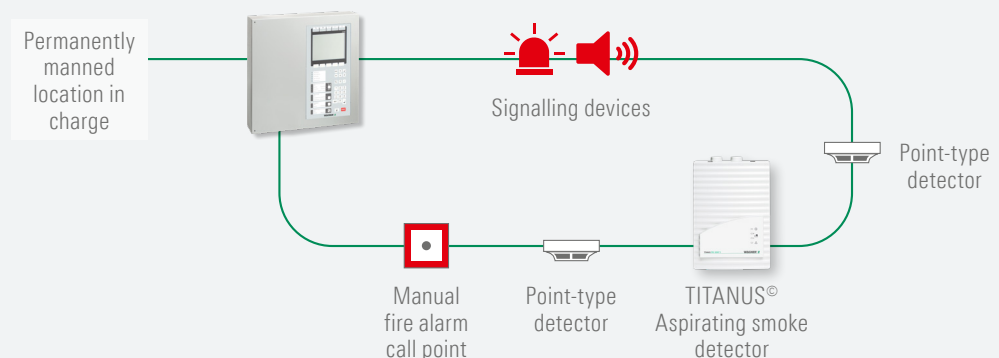
### **WAGNER fire alarm control panels are the heart of effective fire detection**

Depending on the system configuration, the different fire alarm control panels of the BC600 family are

used. With their high-performance processor systems and numerous integrated functions, they ensure maximum efficiency and speed.

### **Fire detection and fire alarm system BC600-1L**

Small and compact



**Fire alarm control panel**

**BC600-1L**

The BC600-1L is a certified compact fire alarm control panel. It monitors the monitoring area via the elements connected to the loop. Detector groups can be logically linked to activate alarm devices and control a fire matrix.

**Fire alarm control panels**

**Type BC600**

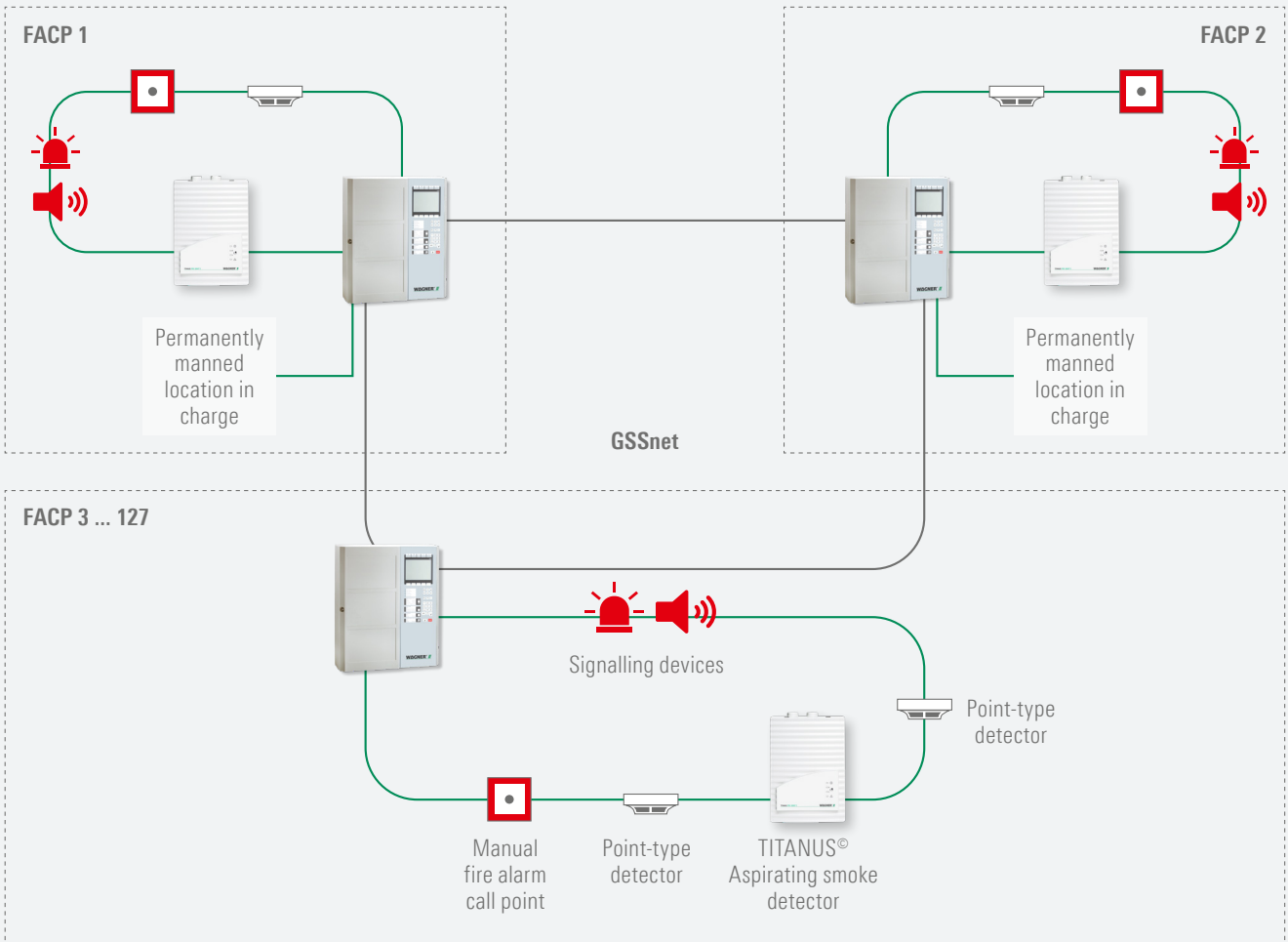
The modular and expandable control panels of the BC600 family can be installed centrally and/or

decentrally in a networked design. Since function modules or assemblies are also available in a redundant design, a failure of the BC600 fire alarm control panels can thus be virtually excluded.

Functions (selection):

- Reception and processing of fault signals and fire alarms
- Fire alarm status in coincidence detection dependency type A or type B
- Resetting of fault and fire alarm status
- Control (possibly delayed) of
  - alarm systems and fire protection devices
  - transmission devices for fire alarms
- Shutdown and restart of
  - detector groups and/or addressable detector points
  - output signals to alarm systems, as well as fire protection and transmission devices

**Fire detection and fire alarm systems with BC600**  
For medium to very large, spatially widely distributed areas



## Fire alarm control panels



**Compact fire alarm control panel**

**Modular, network-capable fire alarm control panel**

**Type designation**

**BC600-1L**

**BC600**

**Technical data**

Wall-mounted housing dimensions (W x H x D)

384 x 384 x 107 mm

444 x 530 x 121 mm (Figure 1)  
444 x 530 x 201 mm (not shown)  
480 x 670 x 201 mm (Figure 2)  
Or 19" wall-mounted/floor-standing cabinet (not shown)

Material

Steel panel

Steel panel

Weight (excluding batteries)

approx. 6.0 kg

from approx. 8.0 kg

Color

grey-white, RAL 9002

grey-white, RAL 9002

**Functions**

Application area

Small areas

Medium to very large areas

Basic equipment incl.

- 1 loop
- 1 transmission device
- Event log for 10,000 events

- Up to 127 connected fire alarm control panels
- 2,540 loops
- 20,000 detector groups
- 9,700 control units
- 99 transmission devices
- Event log for 10,000 events per fire alarm control panel

Technology for detector connection

- Apollo protocol XP95/Discovery/Soteria – up to 126 address points
- LST protocol FI 700/FI 750 – up to 240 address points
- System Sensor protocol 200 AP – up to 318 address points
- Conventional line ORBIS, FC 650, S300/ECO1000

Alarm counter

Yes

Yes

System structure

Centralized

Centralized, decentralized, combined

**Operating specifications**

Ambient temperature

-5 °C to +50 °C

-5 °C to +50 °C

Stand-by duration (operating time)

up to 72 hours

up to 72 hours

**Approvals/Guidelines**



CE 0786-CPD-21612

CE 0786-CPD-21611

EN 54-2, EN 54-4

EN 54-2, EN 54-4

VdS G218062

VdS G212164