

CONTROL PANEL SKC-SC

WHAT THIS UNIT IS USED FOR:

SKC-SC controls fire curtains and smoke curtains. The system is modular and can be configured on a PC via a USB interface to provide the required functionality for a project. Activation is via a fire alarm system or its own smoke alarm and manual control points. When the alarm is raised, the system provides status messages and optical or acoustic signalling. It monitors cable for wire-break and short circuit.

APPLICATIONS FOR THIS PRODUCT:

The control panel is designed for the safe operation of automatic smoke and fire curtains.

FEATURES AND BENEFITS:

The control panel is designed to meet and fulfill the requirements of the prEN 12101-9 product standard. It has a local power supply system to maintain all control functions over a period of at least 72 hours, meeting the requirements of EN 12101-10. The control panel meets all the requirements of CE marking under the Construction Products Regulation.

Its technical details are described overleaf.



Description of the product

SKC-SC control panel with integrated microprocessor is designed for the safe operation of automatic smoke and fire curtains.

The control panel has been designed according to prEN 12101-9 and BS 8524. The units connected to it will always operate as designed.

The power supply, which maintains the control functions over a period of at least 72 hours, meets the requirements of EN 12101-10 and is an integral part of the control panel.

MODULAR DESIGN

The modular design allows a project specific configuration for up to four control groups with different functions. The interfaces to external fire alarm systems, BMS etc. can be set up in a different manner within each control group.

The connection of own release elements, such as automatic smoke detectors and manual control points are considered in the control panel, as is the monitoring of the closing area with a contact strip or a light barrier.

FUNCTIONALITY

All other functions can be selected via the USB interface with a PC or the special Colt program "SmokiControl". For example, driving in one or two intermediate positions (HWD-1 and HWD-2), the "emergency egress" function, or connecting the switches for operation as "dead man's switch" by the fire brigade.

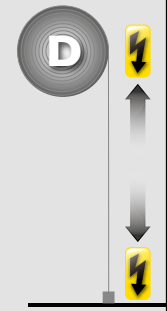
An activity log of the connected equipment is saved and can be read at any time. To test the system, a fire alarm can be simulated, during the simulation of the function, the connected curtains are operated manually by means of an integrated button.

The SKC-SC control panel can be supplemented with a low voltage supply to prevent unintentional operation of the smoke and fire curtains during brief power failure

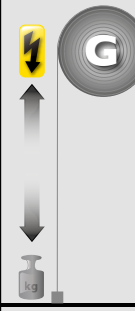


Settings such as the HWD control via the "SmokiControl" software

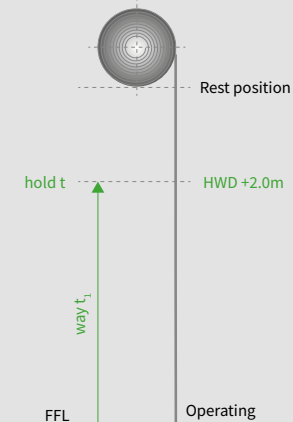
OPERATION MODES
ASB 2 + 4



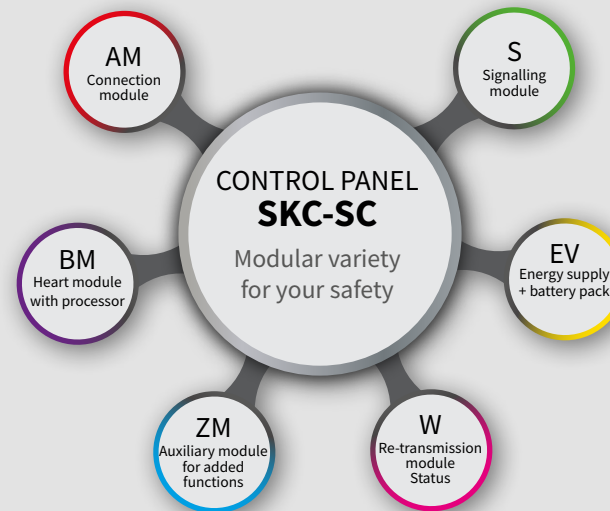
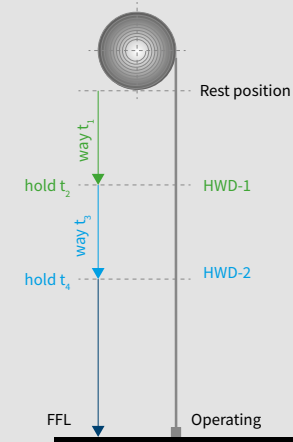
OPERATION MODES
ASB 1 + 3



EMERGENCY EGRESS



HWD PROGRAMS



KEY FEATURES



Product standard

Designed according to the standards:
prEN 12101 part 9 and
EN 12101 part 10
as well as BS 8524



Processor controls

- free program selection
- USB interface
- Configuration via PC
- 72 hours local power supply
- Monitoring of cables
- Intermediate drop position option

Operation: ASB 1 to 4

Up to 4 control groups

with different functions and connection possibilities

IP42 protection class

Application-specific modular design

Manufactured according to

ISO 9001:2015

Monitoring KL	Monitoring LS	Function WN	Function WF	Release manual	Release autom.	Signals S	Signals S
Safety bottom bar	obstruction warning	Emergency opening by people escaping	Emergency opening by fire fire-fighters	Break glass push button	Smoke or heat detector	Multi-tone siren / strobe light	Multi-tone siren/ strobe light and voice warning system
Attached to the bottom bar	Installed in the wall opening	Button adjacent to curtain	Key switch with profile half-cylinder	Release button behind glass	In for or behind the curtain	Installed in the immediate vicinity of the curtain	Installed in the immediate vicinity of the curtain