

S400 Signal Control for Fire Protection Doors

Acoustic and optical warning signals are especially used for motorized doors which have to obey the demands of the EN 12604. An acoustic signal (as the case may be an optical one) is also prescribed for fire protection doors which in the event of an alarm close by means of a mechanical device (e.g. counterweight) without limited force.

The S400 signal control has an integrated power pack that changes the mains power of 230 VAC into 24 VDC to power hold-open devices and smoke detectors. In addition a battery back-up is integrated which serves only to power the acoustic and optical signallers. At a maximum two hazard warning flashers and one siren can be connected (for type please see following page).

The signallers are triggered the moment the power of the hold-open system is cut and the door starts to close. An integrated time control unit will switch off the signallers after an adjustable time.

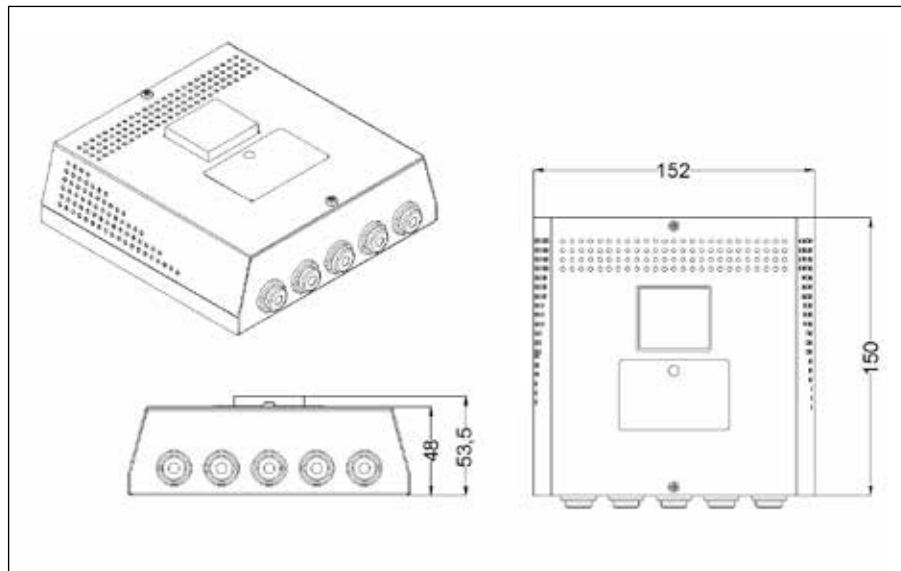
Existing installations can be upgraded with the signal control.



Technical Data

Input voltage	230 VAC (+10 %, -10 %) / 50 Hz
Power consumption	maximum 0.1 A
Output voltage for hold-open system	24 VDC, max. 400 mA
Battery back-up for signallers	20 VDC, max. 32 mA, max. 100 sec.
Operating temperature	-10° to +40 °C
IP rating (according to DIN 40050)	IP 30 / only for dry rooms
Protection class	I
Casing	stainless steel
Time relay for switching off signallers	adjustable 1 - 99 seconds/deactivatable

Dimensions S400 Signal Control



Signaller

The only signaller tested and approved together with the S400 signal control is the signaller, part no. 700171. So you may use just this hazard warning flasher with integrated siren.

In case you use two units on one door, in one signaller the siren has to be deactivated.



Technical Data Signaller

Input voltage	24 VDC
Power consumption	26 mA with activated siren 6 mA with deactivated siren
Loudness	approx. 100 dBA, reducible by integrated potentiometer
Flashing frequency	1 Hz
Colour	red
IP rating	IP 65
Dimensions D x H	97.5 x 104 mm

Order Information

S400 signal control	part no. 700162
Signaller for S400 with red flashing light and siren, IP 65	part no. 700171