

FMSC-THC

two-hand-control



Application

With the **FMSC-THC electronic switching device**, two connected push buttons are monitored.

A two-hand control type III C according to EN 574 can be connected to the device.

Each push button consists of a NC and a NO contact. At the inputs a discrepancy time monitoring of the NO and NC contacts of the individual contacts as well as between the buttons.

The dual-channel emergency stop and the relay/contacter control can be deselected. This allows a flexible use of the device.

Scope of operation

- o Connection of:
 - 2 push buttons each with one NC and one NO contact
 - 1 restart push button
- o Optionally with or without emergency stop
- o Optionally with or without contactor monitoring
- o Integration in safety circuit by means of relays or directly via electronic outputs
- o Diagnostic output for
 - relay monitoring error
 - two-hand discrepancy error or position errors of the EDM

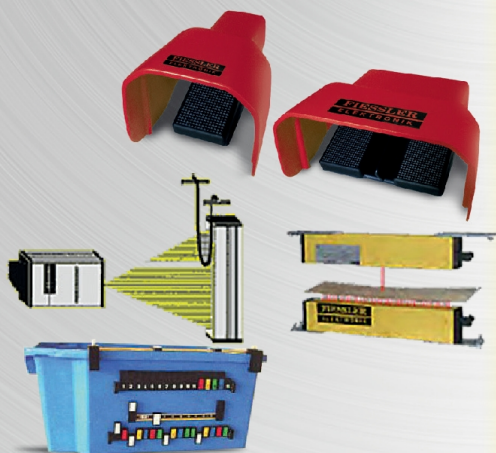
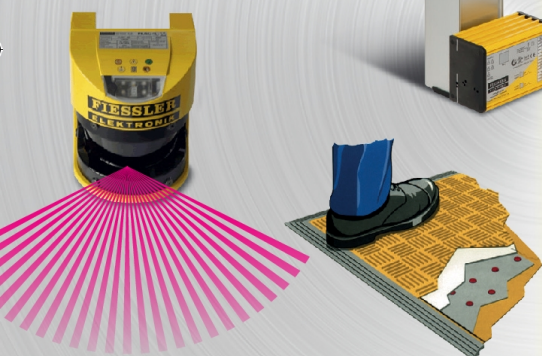
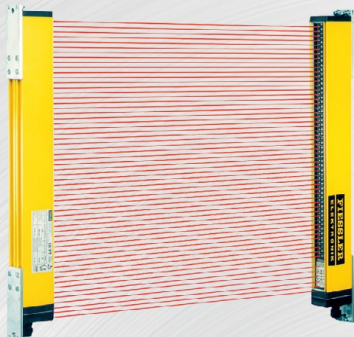
Scope of delivery

Electronic switching device FMSC-THC including integration proposal

Information

For more information, see

www.fiessler.de



Innovative solutions

Safety light curtains

Type 4, SIL 3, PL e
high range up to 60 m
Very short response time as of 2 ms
Blanking and cascading

Type 2, SIL 1, PL c
Protective field height up to 2500 m
Finger and hand guard, entrance protection
Safety controller integrated

AKAS® press brake safety system

fully automatic adjustment after tool change
laser-optics safety light grid

innovative finger guard through continuous bending without stop

FMSC safety PLC

Emergency shutdown (fast shut down) max. 0.5 ms
Expandable with up to 16 expansion modules

Easiest programming
Cat 4, SIL 3, PL e

Safety contact mats

Type 3, SIL 2, PL d
Series connection of up to ten mats
Load capacity up to 2000N
single component casting also in several colors

individual sizes and shapes
Polyurethane, aluminum or Stainless steel surface
with integrally cast ramp rail available

Safety laser scanner

Cat 3, SIL 2, PL d
Protective field 4 m, range 7 m
Metering section 50 m range

Easy assembly
Warning field 15 m
Several programmable sections

Safety foot pedals

Single-pedal or double-pedal

Controlling, detecting and measuring

Measuring light curtains
Loop sensors
Directional counting light barriers

Hole detectors
Encoding strips