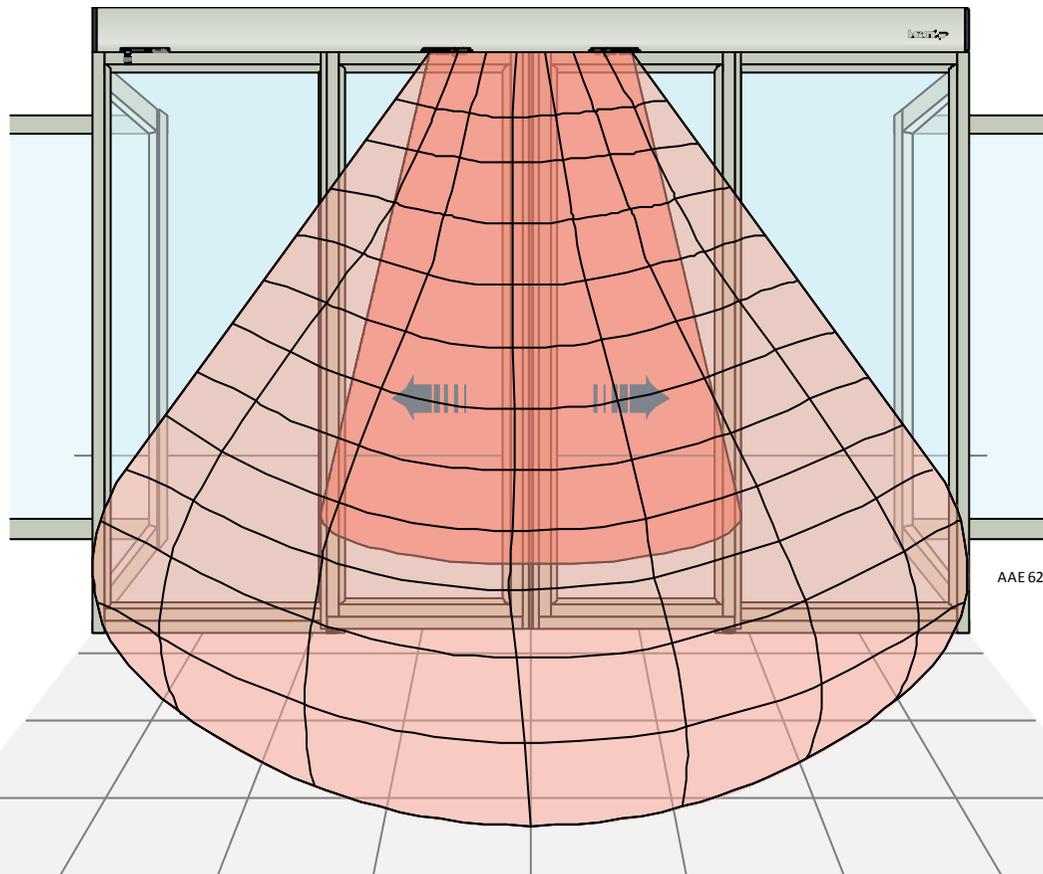


Besam ADS Activation units



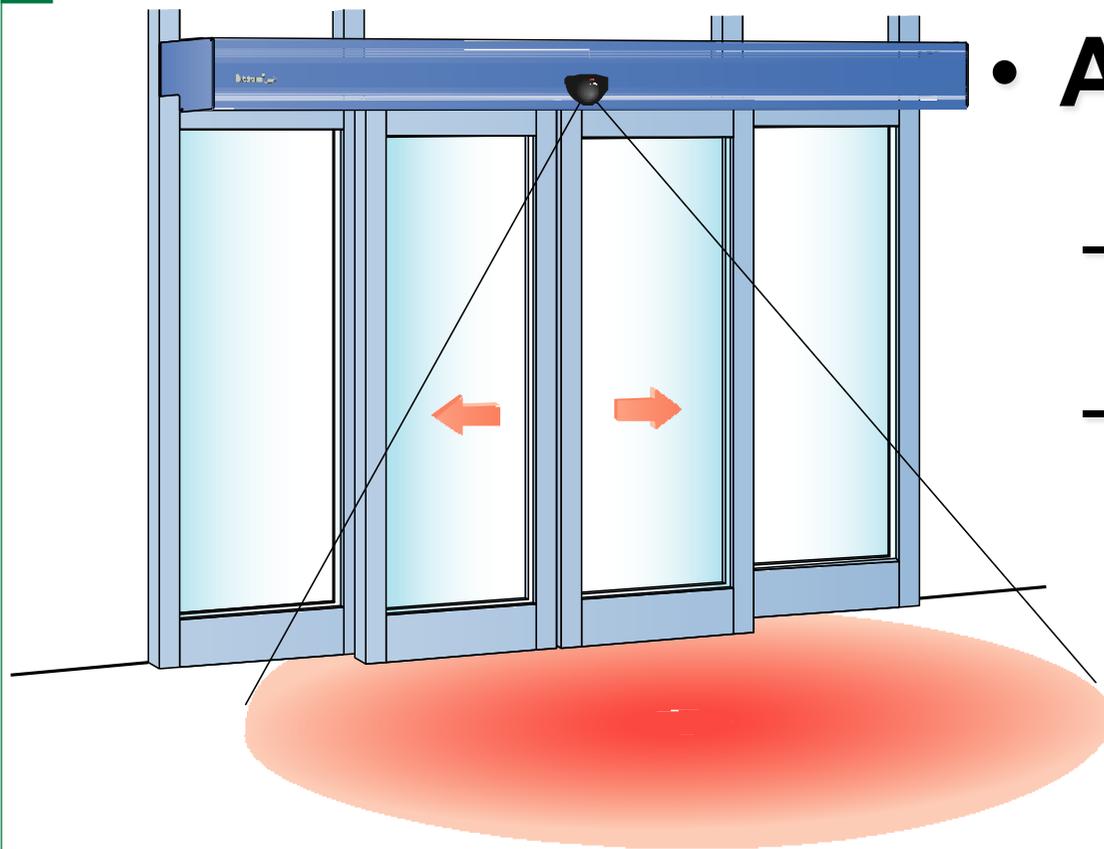
Activation units

- **Impulse activation units**
- **Presence detection units**

Impulse activation units

- **Manual**
 - **Push buttons**
 - **Elbow switches**
 - **Pull cord switches**
 - **Key switches**
 - **Pneumatic kick switch**

Impulse activation units

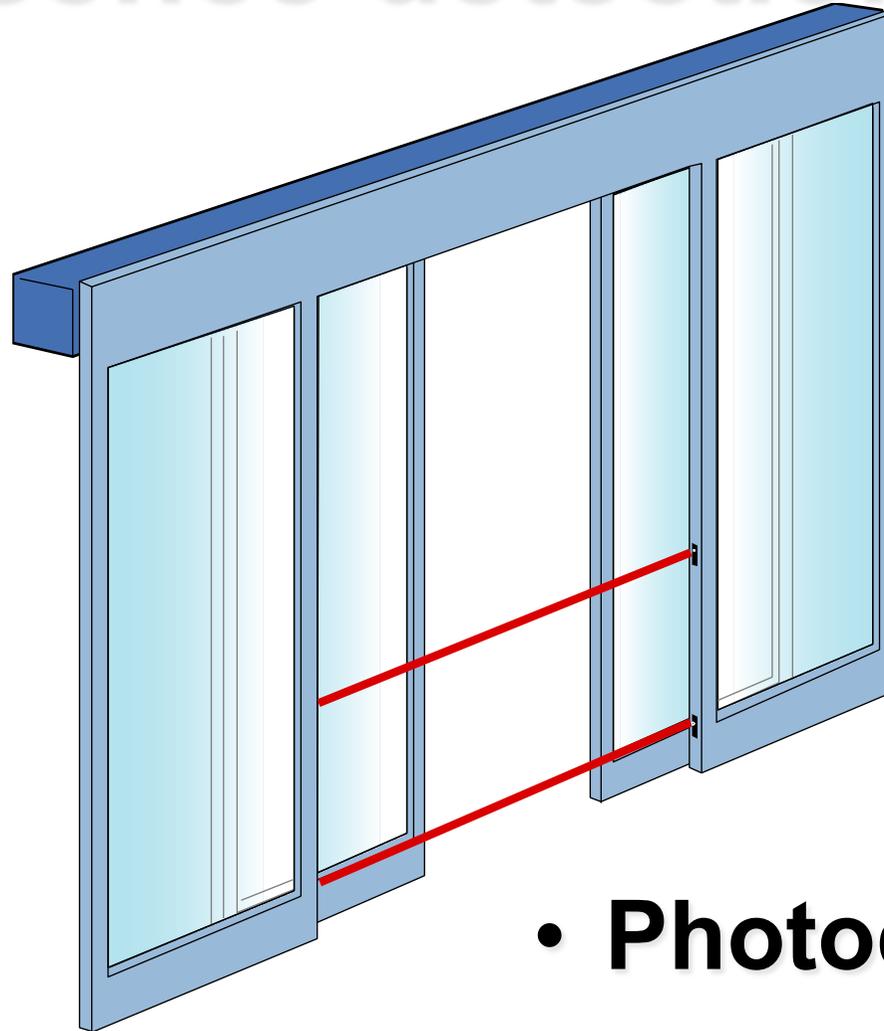


- **Automatic**

- Radars

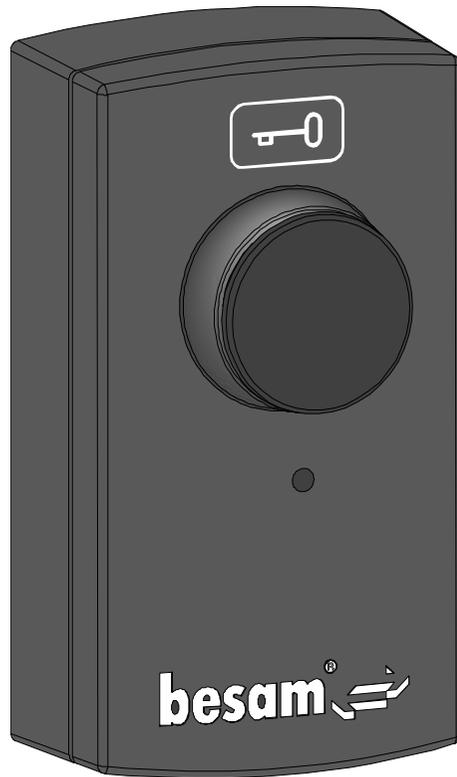
- Infrared sensors

Presence detection units



- Photocells

Push buttons



- **PB (same look as PSMB-5)**
 - for wall mounting (surface)
 - in profiles (flush)

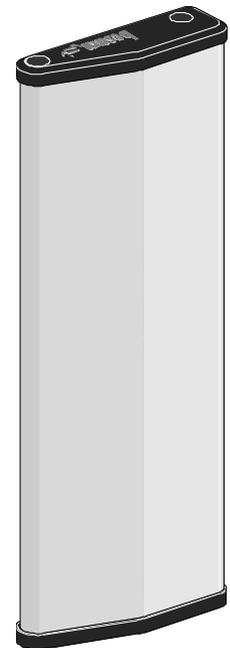
- **Standard buttons**



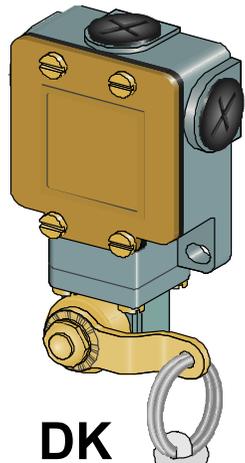
Elbow switches



- **AK**
 - basic in grey plastic
- **ES-P**
 - silver anodized aluminium with black end pieces

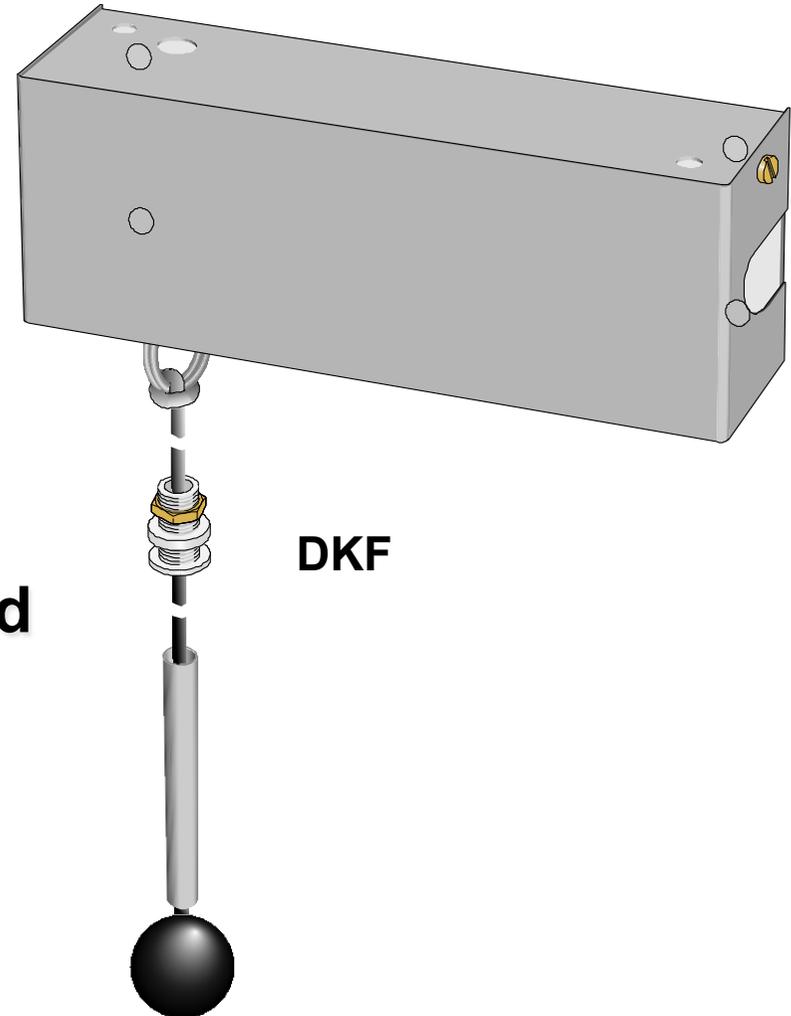


Pull cord switches

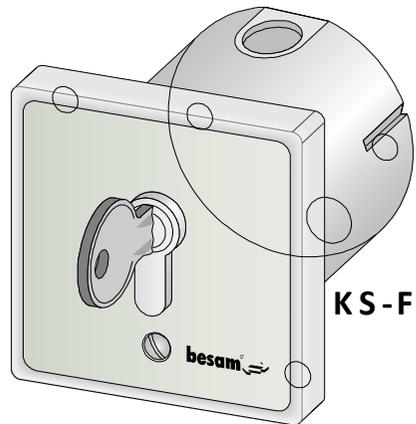


- **DK**
 - basic pull cord switch

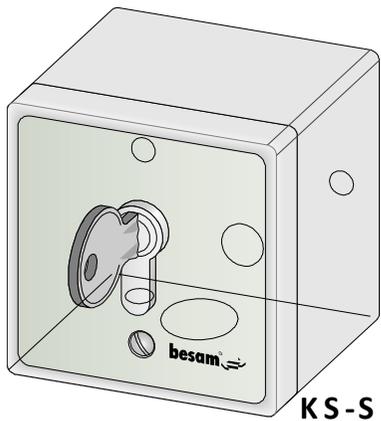
- **DKF**
 - reinforced pull cord switch for heavy-duty applications



Key switches (Euro-cylinder)



- **KS-F**
– for flush mounting



- **KS-S**
– for surface mounting

Key switches (Assa-cylinder)

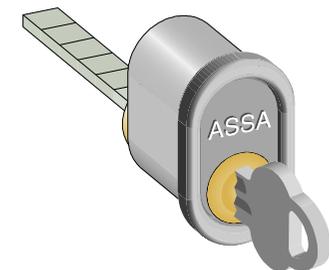


- **KSF (excl. cylinder)**
– for flush mounting

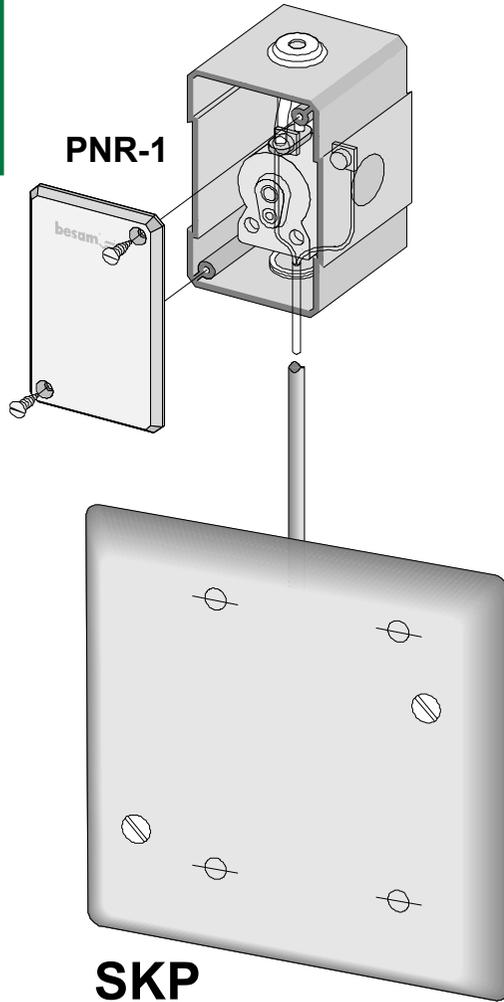


- **KSS (excl. cylinder)**
– for surface mounting

- **Cylinder with 3 keys**



Pneumatic kick switch



- **SKP (excl. pneum. relay)**
 - typical on hospitals
 - stainless steel kick plate

Radars

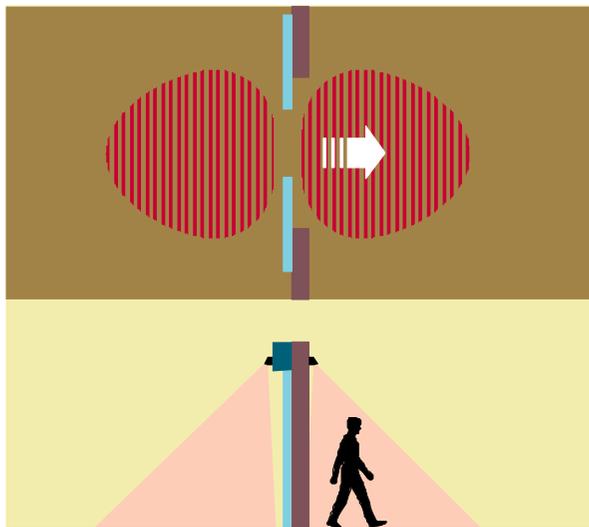
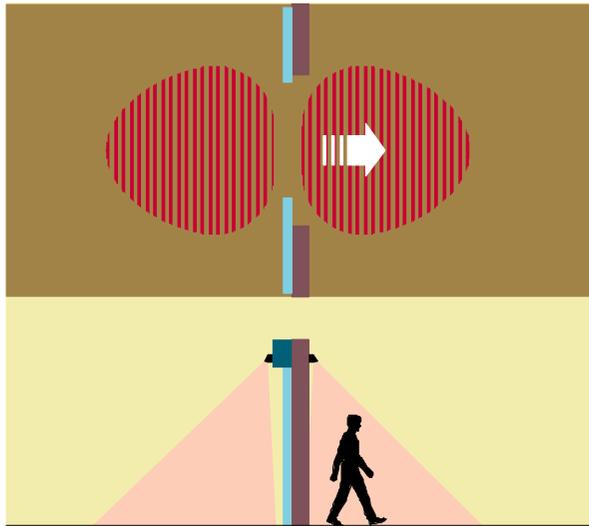


- R2

- motion sensing
(bi-directional)

- R1

- direction sensing
(uni-directional)



Infrared sensors

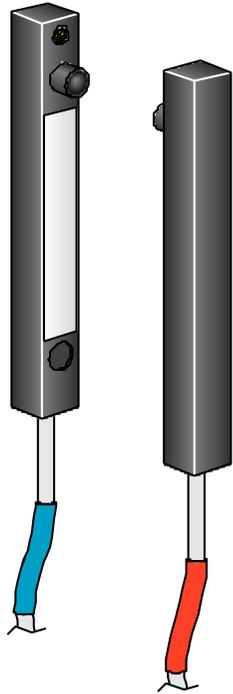


- **Passive**
 - alarm sensors
 - heat sensors

- **Active**
 - better
 - lights up its target



SBK-111



Photocells

- SBK-111/NPN/R

– normally open (NO)

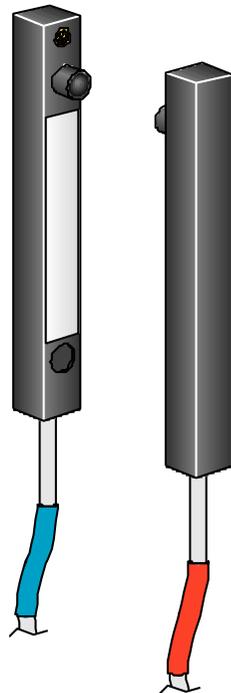
- not monitored

- SBK-111/NPN/N

– normally closed (NC)

- monitored =
= fail safe

SBK-111



Photocells

- Normally open (NO) = not monitored

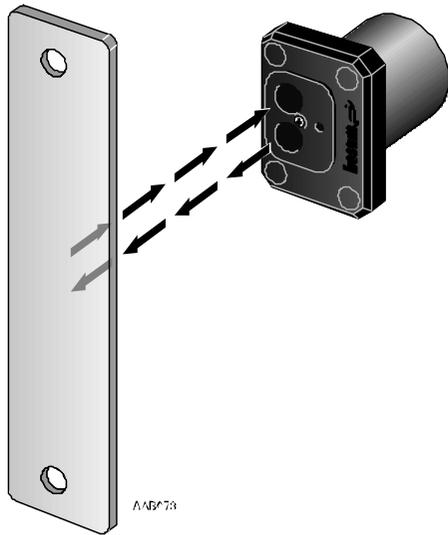


closing when beam is broken

- Normally closed (NC) = fail safe



opening when beam is broken

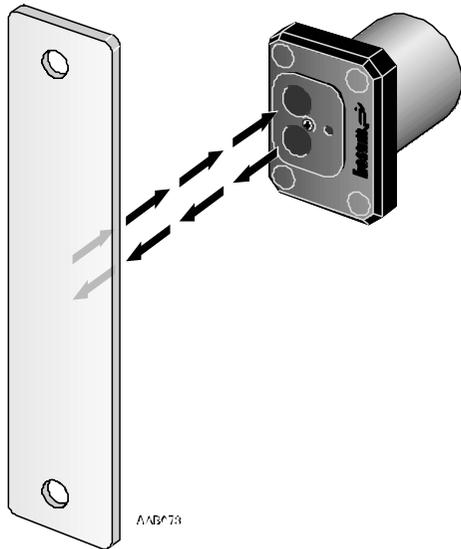


Photocell

- **PHC**

– normally open (NO)

- **not monitored**



- **PHC**

– normally closed (NC)

- **fail safe**

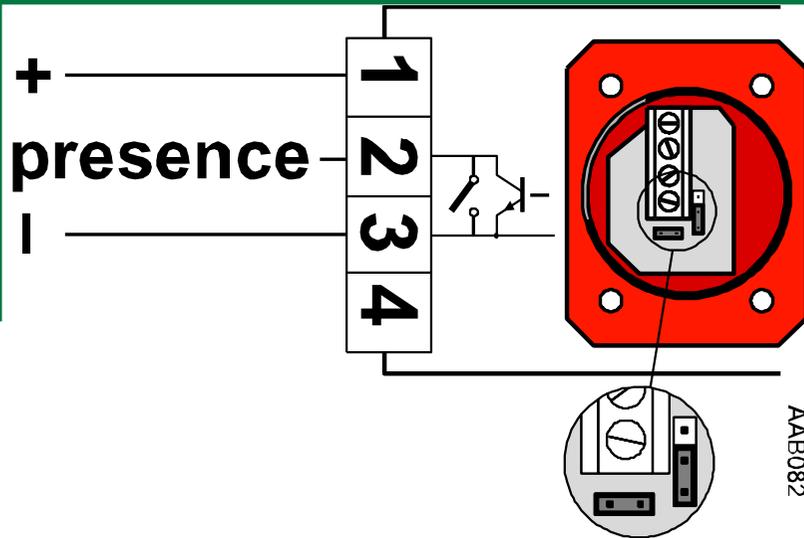
– field conversion!

Field conversion

- **PHC**

- normally open (NO)

- **not monitored** (std)

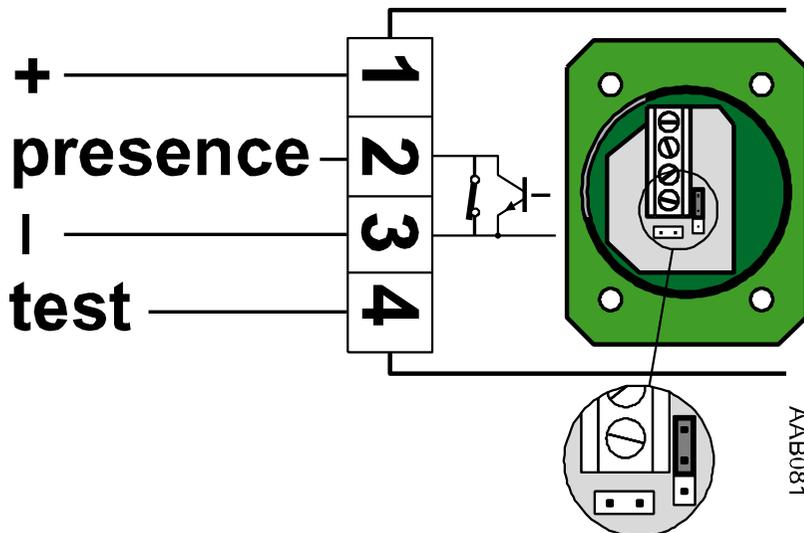


- **PHC**

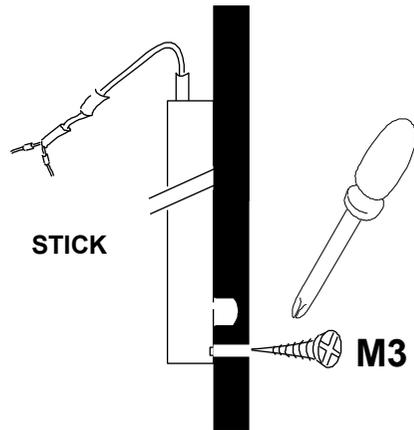
- normally closed (NC)

- **fail safe**

- field conversion



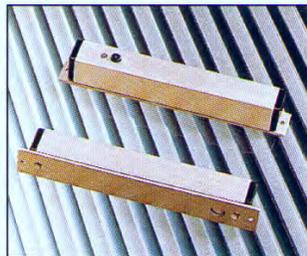
Photocells (SBK-111)



• Front cover (SBK-111/FC) to mount the SBK-111 from the front of the section (in case of no opening on the back)



• Accessory for the surface mounting



- **Integrated**
 - behind profiles
- **Flush mounted**
 - into profiles
- **Surface mounted**
 - on barriers/walls