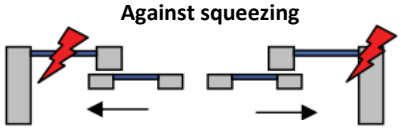
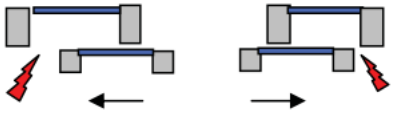
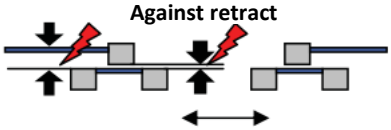
Risk assessment sliding door, double door

Protective measures public area ☐ non-public area ☐

I. Operating status - power-operated closing phase **Hedging of main closing edge (HSK)**	
Against impacting/squeezing 	☐ Hedging on both sides over complete passage width (RIC290)
II. Operating status - power-operated opening phase **Hedging of secondary closing edge (NSK)**	
Against squeezing  **Against impacting** 	☐ Safety distances are mainted when (Y) ≥ 200 mm and (x) ≤ 100 mm and the wings move along a smooth part. So the risk of squeezing the body is considered not relevant. ☐ vertical non-contact protection device (senors)
Against shearing 	☐ Safety distances are mainted when x ≤ 100 or 100 < x ≤ 150 in conjunction with force limitation ☐ vertical non-contact protection device (senors)
	☐ Safety distances are mainted when S ≤ 8 then t ≤ 0 or when S > 8 then t ≥ 25 ☐ vertical non-contact protection device (senors)
III. Operating status - power-operated opening– and closing phase hedging of secondary closing edge	
Against retract 	☐ Safety distances are mainted when x ≤ 8

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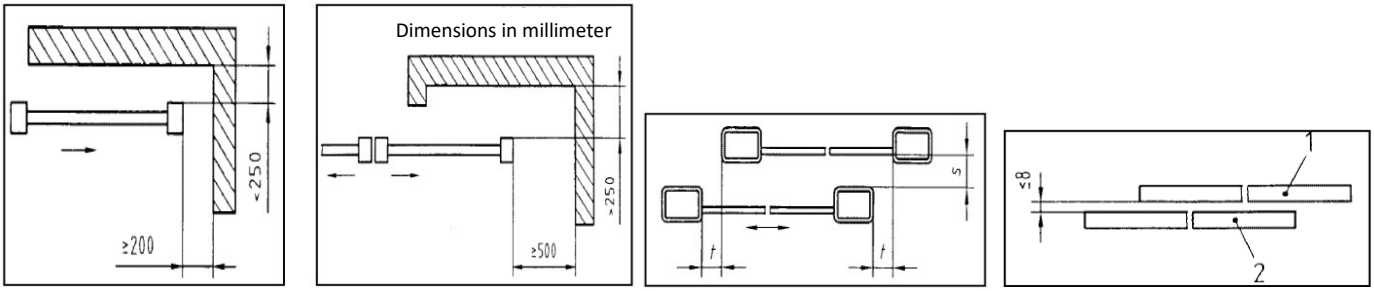

A) Danger for the head B) Danger for the body C) Finger protection (Shearing) D) Retract

Safety distances at the secondary
closing edge ≤ 8mm or ≥25mm

If a door leaf runs to a wall at a distance of less than 200mm, the risk is considered low under the following conditions:

- The wing runs along a smooth surface and
- the distance between the wing surface and the wall is not more than 150mm and
- The force limitation is observed with according to DIN 18650 (150N and from 4,25s max. 80N)

Is the automatic door an escape- and emergency exit door? YES □ NO □

If yes, it must be ensured that this door is only locked when there is **no person** in the object.

Exceptions require a **approval for the individual case** by the Upper building authority.

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Risk assessment as defined in annex I of the new machinery directive

with reference to the DIN 18650 / EN 16005

General / basics

The producer of a door system is in accordance with DIN 18650 / EN16005 in connection with § 2 of the 9. GPSGV and with annex I. of the machinery directive to carry out and document a risk assessment before installation.

In accordance with DIN 18650 in connection with § 3 of the 9. GPSGV and with annex II. of the machinery directive, the producer has an EG declaration of conformity and visibly attach the CE marking to the door system.

The door system may only be commissioned if it complies with the applicable directives and all points from this risk assessment were taken into account.

Informations about the installation site

In order to take into account the necessary protection measures in advance due to a safety assessment and to offer, we need the following information regarding the exact structural environment of the door system, of the user group and structural features, which can affect the safety of the door system.

Risk assessment as defined in annex I of the new machinery directive

with reference to the DIN 18650 / EN16005

Risk assessment of the project: _____

Installation site: _____ Drive type: _____

Assembly situation:_____

The door system is located in a „public area“. This means that the door system is used as:

□ general / public access also for particularly vulnerable persons (f.e. old people, handicapped persons, children)

□ limited access with controlled public access (such as visitors)

Object data:

Customer: _____ Contact person:_____

Telephone: _____

Offer-Nr.: _____ Order-Nr.: _____

Special structural conditions (f.e. obstacle in front of the door leaf, etc.): _____

A safety assessment is hereby created. The protection measures described are:

□ required □ complieded

The creator of the risk assessment confirms that all danger points are thus adequately secured, or that the customer does not comply with them at his own request.

Date, _____ Name signature customer_____

Date, _____ Name signature creator _____