

# Product data sheet

## **TSA 325 NT BO \***



Automatic revolving door system for escape and rescue routes with break-out function

**AREAS OF APPLICATION**

- 3- and 4-leaf door systems in escape and rescue routes
- Interior and exterior doors with maximum safety requirements
- Representative building entrances with large incidence of light
- Façades with slim mullion-transom constructions
- Glass façades with the highest design standards
- Inner diameter ranging from 1800 to 3600 mm possible
- Suitable profile systems are fine-framed profile systems with ISO and mono glass

**PRODUCT FEATURES**

- BO function allows the leaves and side elements to swing open in the direction of escape
- Integrated electrical lockings for "night" mode of operation
- Very quiet running, low-wear drive solution with a canopy height of at least 200 mm
- Precise closing of the door leaves with the side walls
- Effective insulation effect against draughts, weather and noise
- Adjustable automatic speed setting, in line with the number of people passing through
- Manual operation of the door possible, e.g. to carry out cleaning work
- Can be networked, and integrated into the building automation via open standard (BACnet)
- Independent error recognition and recording
- Freely configurable inputs and outputs for different functions
- Integrated, rechargeable battery for emergency opening in case of safety-relevant faults, such as power failure

**TECHNICAL DATA**

|  |                 |
|--|-----------------|
| Productname                              | TSA 325 NT BO * |
| Manual operation                         | No              |
| With speed limiter (optional)            | No              |
| With positioning device (optional)       | No              |
| Fully automatic operation                | Yes             |
| Servo function                           | No              |
| Suitability for escape and rescue routes | Yes             |
| Break-out function (BO)                  | Yes             |
| Inner diameter (min.)                    | 1800 mm         |
| Inner diameter (max.)                    | 3600 mm         |
| For 3-leaf door systems                  | Yes             |

|                                     |   |
|-------------------------------------|---|
| For 4-leaf door systems             | Yes   |
| Clear passage height                | 3000 mm   |
| Canopy height (min.)                | 200 mm  |
| Side elements version               | 10 mm LSG, 22 mm panel lining, 34 mm smooth-surface panel, Special glass on request                       |
| Version of roof structure           | As dust protection roof with wood covering, optical sheet metal covering, waterproof roof with waterspout |
| Illumination                        | with roof variant   |
| Floor covering                      | Entrance mat, Entrance mat according to customer wishes   |
| Hot-air curtain system              | Electric air curtain, hot water air curtain, possible, depends on the ceiling construction                |
| Night-time closer layout            | Inside, Outside   |
| Night-time closer type              | Manual, Automatic   |
| Night-time closer design            | 10 mm LSG, 22 mm ISO glass, 22 mm panel lining, Special glass on request                                  |
| Lock                                | Manual, Rod, electromechanical  |
| Door handles horizontal or vertical | Yes   |
| Floor ring                          | Yes   |
| Underfloor operator                 | No  |
| Disabled person's button            | Yes   |
| Standard conformity                 | DIN 18650, EN 16005   |

## ACCESSORIES

### GC 302

Radar movement detector for the activation of automatic doors



| Designation                      | Description   | Ident-No. | Colour           | Dimensions       | Output                       |
|----------------------------------|---|-----------|------------------|------------------|------------------------------|
| GC 302 R radar movement detector | Radar movement detector for the activation of automatic doors | 124087    | black            | 176 x 62 x 52 mm | Potential-free relay contact |
| GC 302 R radar movement detector | Radar movement detector for the activation of automatic doors | 124088    | according to RAL | 176 x 62 x 52 mm | Potential-free relay contact |

### GC 338

Sensor strip with standby mode for the protection of automatic swing and revolving doors



| Designation                          | Description  | Ident-No. | Colour           | Output                       | Operating voltage |
|--------------------------------------|--|-----------|------------------|------------------------------|-------------------|
| GC 338 Pair of sensor strips 1200 mm | consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005 | 142825    | according to RAL | Electrical relay             | 24 V DC +/- 20%   |
| GC 338 Pair of sensor strips 1500 mm | consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005 | 142827    | according to RAL | Potential-free relay contact | 24 V DC +/- 20%   |
| GC 338 Pair of sensor strips 1500 mm | consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005 | 142757    | EV1              | Electrical relay             | 24 V DC +/- 20%   |
| GC 338 Pair of sensor strips 1200 mm | consisting of two complete sensor strips for protection of the swivelling range of automatic swing and revolving doors in accordance with DIN 18650 / EN 16005 | 142219    | EV1              | Electrical relay             | 24 V DC +/- 20%   |

### GC 342

Laser scanner for the protection of automatic doors and windows with integrated object and wall blanking



| Designation           | Description  | Ident-No. | Colour                 | Dimensions       | Output                          |
|-----------------------|--|-----------|------------------------|------------------|---------------------------------|
| GC 342 (left module)  | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167433    | white                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 (right module) | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167435    | black                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 (left module)  | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167434    | stainless steel colour | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 (left module)  | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167432    | black                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 Kit            | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories | 167439    | white                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |

| Designation           | Description  | Ident-No. | Colour                 | Dimensions       | Output                          |
|-----------------------|--|-----------|------------------------|------------------|---------------------------------|
| GC 342 (right module) | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167437    | stainless steel colour | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 Kit            | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories | 167438    | black                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 (right module) | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories      | 167436    | white                  | 143 x 86 x 40 mm | 2 potential-free relay contacts |
| GC 342 Kit            | Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories | 167440    | stainless steel colour | 143 x 86 x 40 mm | 2 potential-free relay contacts |

### KEYPAD PROGRAMME SWITCH TPS-KDT

Keypad programme switch for setting the mode of operation for automatic doors



| Designation                     | Description   | Ident-No. | Colour       | Dimensions      | Operating voltage |
|---------------------------------|---|-----------|--------------|-----------------|-------------------|
| Keypad programme switch TPS-KDT | with 2 control keys, LED display, coded fault display, IP rating IP40 / suitable for switch programmes with 55x55mm switch insert | 126582    | alpine white | 80 x 80 x 11 mm | 24 V DC           |

### GC 308 \*

Radar movement detector with individual adjustment option for activating automatic doors



| Designation                        | Description                    | Ident-No. | Colour                 | Dimensions       | Output                       |
|------------------------------------|--------------------------------|-----------|------------------------|------------------|------------------------------|
| GC 308 R radar movement detector * | Activation of automatic drives | 203605    | stainless steel colour | 120 x 50 x 50 mm | Potential-free relay contact |
| GC 308 R radar movement detector * | Activation of automatic drives | 203603    | black                  | 120 x 50 x 50 mm | Potential-free relay contact |
| GC 308 R radar movement detector * | Activation of automatic drives | 203604    | white                  | 120 x 50 x 50 mm | Potential-free relay contact |

# TSA 325 NT BO \*



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\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.