

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 333 C *

Self-monitored active infrared detector for leading mullion protection of automatic revolving doors

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

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	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
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

* 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.