

Product data sheet

GC 342+ *



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

AREAS OF APPLICATION

- Protection of automatic swing doors, especially for the secondary closing edge
- Interior and exterior doors
- Use on doors up to 1600 mm leaf width
- Complicated flooring, such as reflective floors, entrance mats, metal rails
- Use on doors with continuous vertical pull handle

PRODUCT FEATURES

- Compact and space-saving safety sensor
- Narrow detection area secures door leaf widths up to max. 1600 mm
- Integrated object and wall blanking near maximum door opening
- Protection area on the main closing edge is automatically expanded depending on the door angle
- Automated teaching of the system with the push of a button
- Avoidance of hazards at pinching and shearing edges on automated windows
- Four laser curtains secure a large area, and prevent the door from closing if there is anybody within the door frame
- Laser curtains can be used for non-contact door control via an output signal

TECHNICAL DATA

Productname	GC 342+ *
Dimensions	145 x 88 x 68 mm
Technology	Laser scanner, light travel time measurement
Number of active infrared detectors	4
Operating voltage	12-24 V DC ± 15%
Switching voltage	42 V
Switching current	100 mA
Output	3 potential-free relay contacts
IP rating	IP44
Connector cable length	2500 mm
Installation height (min.)	1500 mm
Installation height (max.)	3870 mm
Reaction time	Typically < 120 ms / max. 220 ms (2nd curtain)
Service temperature	-25 - 60 °C
Humidity	0-95 % relative, non-condensing
Standard conformity	DIN 18650, EN 16005

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198693	stainless steel colour	145 x 88 x 68 mm	3 potential-free relay contacts



Designation	Description	Ident- No.	Colour	Dimension s	Output
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198669	black	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (left module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198671	white	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198694	stainless steel colour	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198670	black	145 x 88 x 68 mm	3 potential-free relay contacts
GC 342+ (right module) *	Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories	198692	white	145 x 88 x 68 mm	3 potential-free relay contacts

* 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.