Technical Data	Guard S

Guard S Slimline:

- Width: 42.0 mm
- Length: 256.0 mm
- Height: 26.0 mm Outside shield, without handle
  11.5 mm Inside cover, without handle

Guard S Wideline:

- Width: 56.0 mm
- Length: 256.0 mm
- Height: 26.0 mm Outside cover, without handle
  11.5 mm Inside cover, without handle (long plate and handle rose)
  8.0 mm Inside cylinder rose

Locking cylinder:

- Interaxis dimension between 70 and 94 mm
- Cylinder hole for Europrofile and Swiss round cylinders, both with core pulling protection: The cylinder may protrude 21-27 mm from the door leaf.
- Holes for other cylinder profiles on request
- Blind version without cylinder hole available

Application:

- Suitable for doors with high frequency of use, subject to frequent violent usage
- Category of use: grade 4 according to EN 16867 (PIV test report no. 57-2/21)

Backset:

- Slimline version (width of escutcheon 42 mm):
  For backset < 25 mm the application has to be checked

- Wideline version (width of escutcheon 56 mm):
  For backset < 35 mm the application has to be checked

Technical Data	Guard S

Installation:

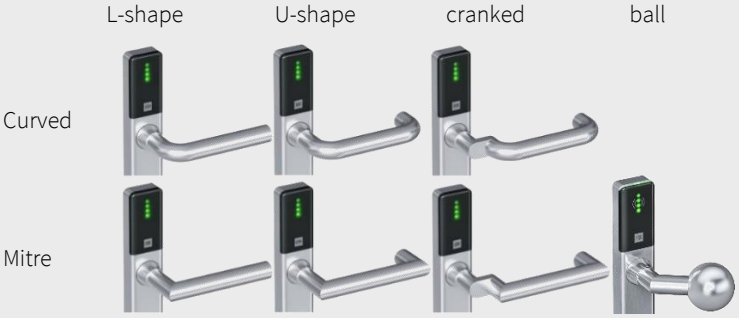
- Screwing through the door from the inside
- Door leaf thickness: 28-98 mm, increment in 10 mm steps

Fixation points

Long plate fixation
- 3 fixation points in a vertical line
- 2-point fixation possible (not certified as security fitting)
- Fixation points adjustable by vertically movable threaded sleeves
  - Upper fixation point: min. 75.0 mm max. 84.0 mm
  - Medium fixation point: 21.5 mm
  - Lower fixation point: min. 112.0 mm max. 139.0 mm

Round rose fixation points (only for Wideline)
- 2 x 2 screws (horizontal distance 38 mm each)
- Position of lower fixation points according to interaxis dimension

Handle types:



- Handle can be adjusted to DIN-L/DIN-R doors on site

Handle spindle:

- 9 mm (with adapters 7 / 8 / 8.5 / 10 mm are possible)

Handle movement:

- Maximum angle: 45°, upward handle movement possible
- Rest position can be corrected by ±7°

Surface and colours:

- All visible metal parts: satin stainless steel material 1.4107 / SUS 304L
- Plastic cover: jet black (similar RAL 9005)

Signalling:

- Optical signalling by 4 multicolour LEDs (moving light effect)
- Additional acoustic signalling (can be disabled)

Durability:

- ≥ 200.000 cycles (grade 7 of EN 16867, PIV test report no. 57-2/21)

Power supply:

- 2 pcs. Lithium AAA cells, 1.5 Volts
- Recommended battery: Energizer Ultimate Lithium
- Correct operation is not guaranteed for other battery types

Technical Data	Guard S
Environmental influences:	• Temperature: -25°C to +65°C • Relative humidity: 20% to 99%, no condensation
	• Anticorrosive according to DIN EN 1670 class 4 (salt spray test, 240 hours) • Grade 4 according to EN 1906, SKG-IKOB certificate no. 21.00659
	• Protection class: IP 66 (PIV test report no. 44-1/22) • The inside fitting is not intended for outdoor use.
	• Environmental resistance according to grade 4 of EN 16867 (PIV test report no. 57-2/21)
Battery life time and data preservation:	At room temperature (+20°C) for ENiQ / ELS / Tapkey Guard S: • Up to 70.000 / 50.000 / 25.000 looking cycles or Up to 3 / 4 / 1.5 years stand-by time in case of non-use • Up to 2.5 / 3.5 / 1 year(s) in case of approx. 10 looking cycles per day
	Intelligent battery management: • Multilevel temperature compensated battery warning system • 10 year data preservation without battery
Approvals and certifications:	• Attack resistance grade 2 according to EN 16867 (PIV test report no. 57-2/21) • Tested as protective fitting according to DIN 18257: - Guard S Slimline: Grade ES 1 (PIV test report no. 3-1/21) - Guard S Wideline: Grade ES 2 (PIV test report no. 3-3/23) not with rosettes and not for Swiss round cylinder
	• SKG 3 tested (3 stars, NEN 5089), SKG-IKOB certificate 21.00659 (only for Slim- & Wideline long shields, not with rosettes on the inside)
	Suitable for doors in escape in panic routes • Tested as emergency exit device for escape routes according to EN 179, test report 123000167.01/02 of MPA NRW (Germany) • Classification according to EN 179:2008: 3-7-7-B-1-3-5-2-A-B
	• Suitable for use on fire resistance and smoke controlled doors, grade B according to EN 16867 (PIV test report no. 57-2/21) • Hardware performance sheet (HPS) for building hardware according to EN 16035 (ift no. 20-001125-PR01 / KB-G10-UZ05)
	Technical approval (abZ) granted by DIBt (German technical authority) • abZ approval no. Z-6.100-2659 • Only applies to interior doors
Programming, Transponders, RFID and RF interfaces:	• For ENiQ Guard S, ELS Guard S and Tapkey Guard S: Access control functions in line with ENiQ, ELS and Tapkey portfolio

Technical Data	Guard S

Classification according to EN 16867 (PIV test report no. 57-2/21)**:**

digit	1 Category of use	2 Durability	3 Door mass	4 Fire & smoke doors	5 Safety	6 Environ-mental resistance	7 Credential related security	8 Security: Attack resistance	9 Security: Related to EN1906
grade	4 [1)]	7	-	B	1	4	B/C/D [2)]	2	2/3 [3)]

1) Category of use:
Grade 4 for 8 mm, 8.5 mm and 9 mm spindle
Grade 3 for 7 mm spindle

2) Credential related security:
Grade D for ENiQ Guard S and Tapkey Guard S
Grade C for ELS Guard S (Hitag S), grade B for ELS Guard S with Hitag 1 or 2

3) Security related to EN 1906:
Grade 2 for Guard S Slimline
Grade 3 for Guard S Wideline, not with rosettes and not for Swiss round cylinder (according to PIV test report 3-3/23)

All data correspond to the actual development status and are subject to change at any time without notice.