

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 cylinders with core pulling protection as standard: The cylinder may protrude 21-27 mm from the door leaf.
- Hole for Swiss round cylinders, holes for other cylinder profiles on request
- Blind version without cylinder hole available

Application:

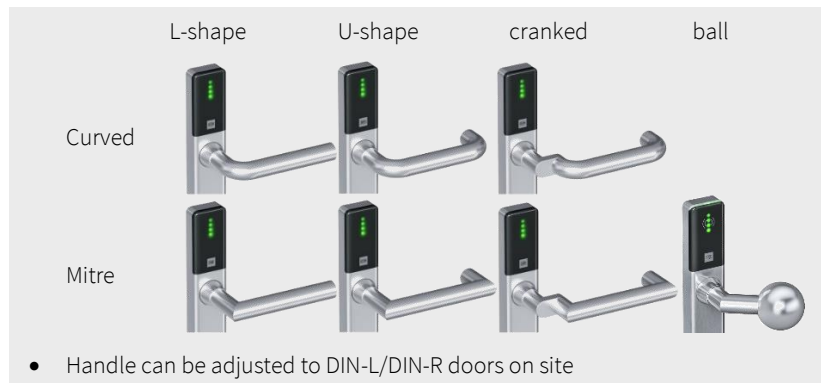
- Electronically controlled handle on the outside
- Interior handle is always operable (no RFID reader on the inside)
- For doors with high frequency of use, subject to frequent violent usage
- Category of use: grade 4 according to EN 16867 (PIV test report no. 57-2/21)

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

Installation:

- Screwing through the door from the inside
 - Door leaf thickness: 28-98 mm, increment in 10 mm steps
- 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 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 $\pm 7^\circ$

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)

Clutch duration:

- Adjustable ranging from 1 to 30 seconds
- Permanent open/close mode, Office function

Durability:

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

Environmental influences:

- Temperature: -25°C to +65°C
- Relative humidity: 20% to 99%, no condensation
- Protection class: IP 66 (PIV test report no. 44-1/22)
- 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
- Environmental resistance according to grade 4 of EN 16867 (PIV test report no. 57-2/21)

Technical Data	Guard S
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Approvals and certifications:

- Attack resistance grade 2 according to EN 16867 (PIV test report no. 57-2/21)
- Protective fitting with grade ES 1 according to DIN 18257 (PIV test report no. 3-1/21)
- SKG 3 tested (3 stars, NEN 5089), SKG-IKOB certificate no. 21.00659 (only for Slim- & Wideline long shields, not with rosettes on the inside)
- Suitable for doors in escape and panic routes according to EN 179 and EN 1125 (tests ongoing)
- 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-de-04)

Power supply:

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

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

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

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

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



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

