

Technical Data

Guard

Guard Versions:



Guard Slimline
Width: 40 mm

- Length: 253.0 mm
- Height: 20.0 mm
11.5 mm

Guard Wideline
Width: 56 mm

- Outside cover, without handle
- Inside cover, without handle

Guard Compact Versions:



Guard Compact Slimline
Width: 40 mm

- Length: 133.0 mm
72.0 mm
56.0 mm
- Height: 20.0 mm
11.5 mm
8.0 mm

Guard Compact Wideline
Width: 56 mm

- Outside covers and inside cover Slimline, without cylinder rose
- Cylinder rose Slimline
- Cylinder and handle rose Wideline
- Outside cover, without handle
- Inside handle covers, without handle
- Cylinder roses

Locking cylinder:

- Interaxis dimension: Guard: Between 55 and 94 mm
Guard Compact: ≥ 64 mm (Slimline)
 ≥ 56 mm (Wideline)
- Hole for Swiss round cylinders, 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. 57-4/19)

Backset:

- Slimline versions (width of escutcheon 40 mm):
For backset < 25 mm the application has to be checked
- Wideline versions (width of escutcheon 56 mm):
For backset < 35 mm the application has to be checked

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Installation:

- Different installation types
 - Screwing through the door from the inside
 - Screw-on installation
- Door leaf thickness 36-106 mm, increment in 10 mm steps

Fixation points:

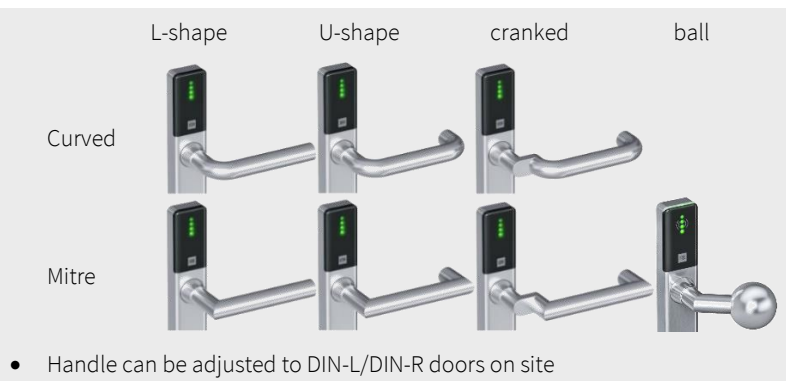
- Adjustable by vertically movable threaded sleeves or screws
- Guard:

- Upper fixation point:	min. 65.0 mm	max. 84.0 mm
- Middle fixation point:	min. 21.5 mm	max. 25.0 mm
- Lower fixation point:	min. 112.0 mm	max. 139.0 mm
- Guard Compact:

- Upper fixation point:	min. 65.0 mm	max. 84.0 mm
- Middle fixation point:		21.5 mm
- Wideline:	Horizontal distance of fixation points	38.0 mm
- Slimline:	Vertical distance of fixation points	50.0 mm

 Adapter plate for threads with 50 mm distance available

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 ±7°

Surface and colours:

- All visible metal parts: satin stainless steel
- Plastic cover:

signal white	(similar RAL 9003, not for Tapkey)
graphite grey	(similar RAL 7024, not for Tapkey)
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. 57-4/19)

Power supply:

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

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Environmental influences:

- Temperature: -25°C to +65°C
- Relative humidity: 20% to 99%, no condensation
- Anticorrosive according to DIN EN 1670 class 3 (salt spray test, 96 hours), grade 3 according to EN 1906
- Protection class: IP 54 (PIV test report no. 44-7/19)
- Not suitable for permanent outdoor use
- Environmental resistance according to grade 4 of EN 16867 (PIV test report no. 57-4/19)

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:

- Technical approval (abZ) granted by DIBt (German technical authority)
- abZ approval no. Z-6.100-2554
 - Suitable for the usage in single- and double-leaf fire and smoke control doors made of wood, aluminium and steel
 - Suitable for the usage in escape and emergency routes
- 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. 57-4/19)
 - Hardware performance sheet (HPS) for building hardware according to EN 16035 (ift no. 20-001125-PR01 / KB-G10-UZ05)

Programming, Transponders, RFID and RF interfaces:

- For ENiQ Guard, ELS Guard and Tapkey Guard:
Access control functions in line with ENiQ, ELS and Tapkey portfolio

Classification according to EN 16867 (PIV test report no. 57-4/19):

digit	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	7	-	B	1	4	B/C/D ¹⁾	0	0
	1) Credential related security:		Grade D for ENiQ Guard and Tapkey Guard Grade C for ELS Guard (Hitag S), grade B for ELS Guard with Hitag 1 or 2						



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