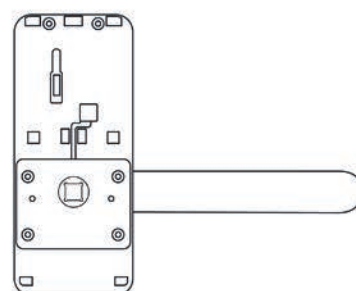
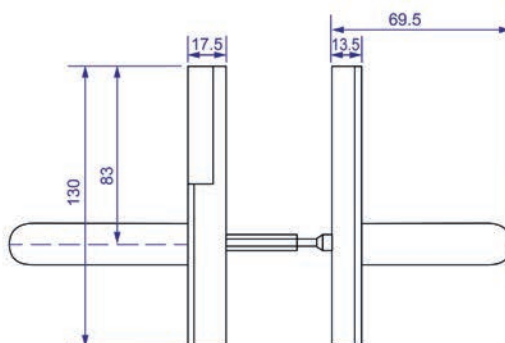
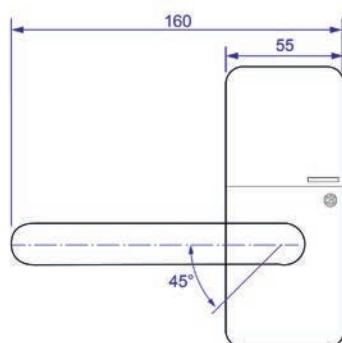
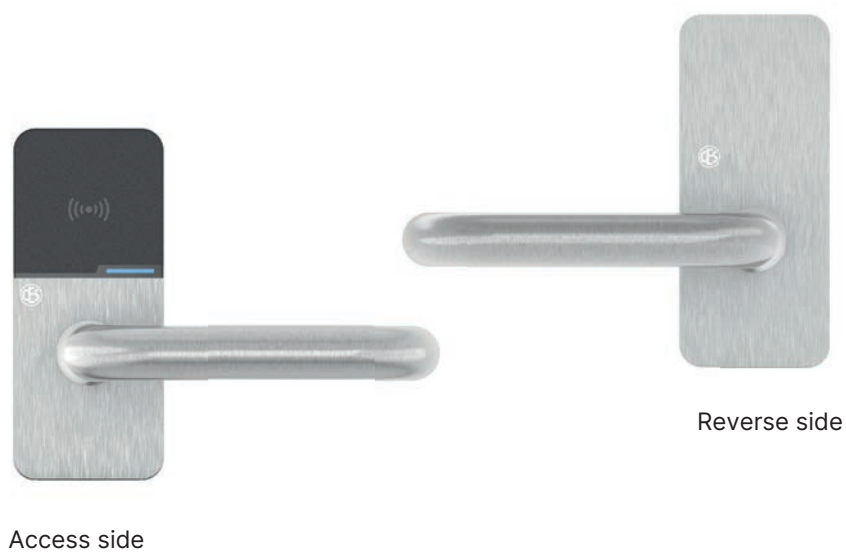


CESentry Electronic handle set
Compact Shield EB32xx*



*Full article designation dependent on version

All dimensions in mm

Technical data

Article designation	B3200 EB3220 EB3230 EB3250 EB3260
Use	Short wide shield design for solid doors in indoor areas with espagnolette holes. The design of the handle sets enables drill-free mounting when replacing most handle sets designed to DIN/EN standards. Conforms to DIN EN 179 and DIN EN 1125 with different locks and panic push bars.
Versions	EB3200 Access side with reader EB3220 Access side with reader, reverse side (mechanical) EB3230 Access and reverse sides with reader (dual version) EB3250 Reverse side (mechanical) EB3260 Access and reverse sides (mechanical)
Fire resistance rating	For devices with national technical approval: 120 minutes in accordance with DIN EN 1634-1 and DIN EN 18273
Finishes	Special finishes as per CES programme or PVD coatings
Dimensions	
Door thicknesses	From 35 mm to 165 mm
Backsets	From 25 mm
Handle square hole	7 mm – 8 mm – 8.5 mm – 9 mm – 10 mm
Ambient conditions and service life	
Protection class	no classification due to use in interior surroundings
Outside shield temperature	–25 °C to +65 °C at 0-95% rH non-condensing for the electronics
Inside shield temperature	–25 °C bis +65 °C
Prohibited atmospheres	Not suitable for use in corrosive atmospheres (chlorine, ammonia, lime water)
Handle set service life	200,000 cycles in accordance with DIN EN 16867, grade 7
Power/ voltage supply	
Batteries	2 x 1.5 V AA (type: Energizer Ultimate Lithium)
Data retention	Date and time: min. 15 minutes Authorisations and other settings: unlimited
Precision	Approx. 1 minute per year within temperature range -20 to +60 °C
Standards supported	
Reading	LEGIC advant, all locking media ISO 14443 MIFARE® DESFire®, all locking media ISO 14443 (not MIFARE Ultralight® C)
Data transfer	Bluetooth® Low Energy
Online radio frequency	2.4 GHz IEEE 802.15.4
Reading distance	Up to 20 mm
Interfaces	OSS-SO

Technical data [cont.]

Certificates

Classification	DIN EN 16867:2022-02 4 7 -- B 1 4 D 0 0
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Safety class	Optionally to DIN EN 18257 ES2 or to NEN SKG***
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Programming

Offline	via Bluetooth® Low Energy with Desktop-Writer via Bluetooth® Low Energy with smartphone (iOS/Android)
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Online	Online network via Bluetooth® Low Energy with gateway (coming in august 2024)
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Data transfer	Encrypted 128-bit/AES
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Memory

Number of events	Max. 2000
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Battery life*

Standby without access operations	Up to 10 years
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Standby with < 10 access operations per day**	Up to 6 years
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Max. number of opening/closing operations per battery pack**	Up to 100,000
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*The information applies to an ambient temperature of 20 °C. Different temperatures, usage frequency or locking device parameter settings may result in strongly divergent values.

**Assuming: 2 out of 10 access operations are made by smartphone via Bluetooth Low Energy (data TBC).