

CESentry Electronic handle set
Wide Shield EB12xx*



Access side



Reverse side



FSB1070



FSB1070G



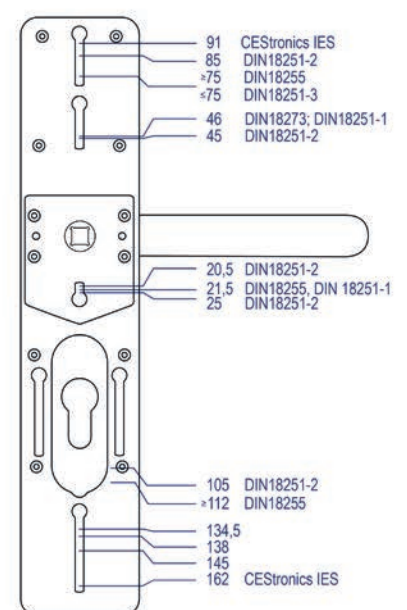
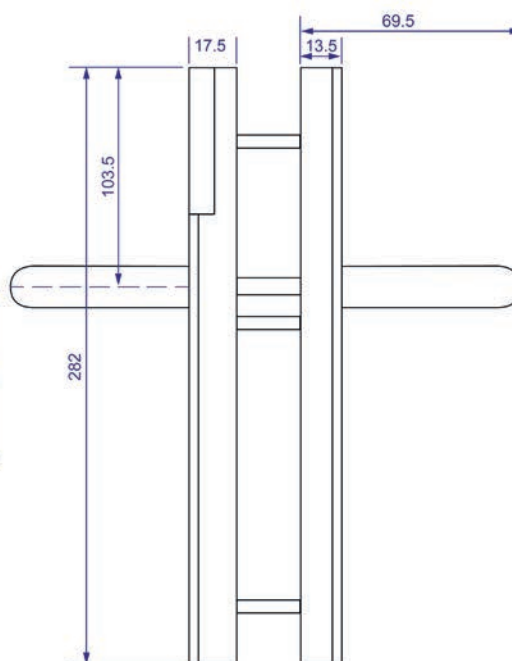
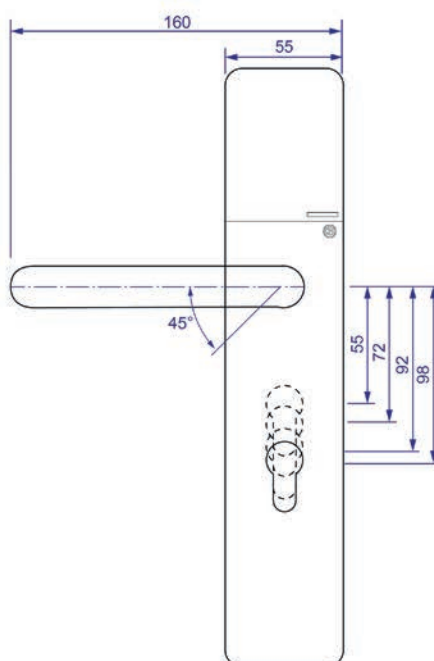
FSB1053



FSB1053G



FSB1076



*Full article designation dependent on version

All dimensions in mm

Technical data

Article designation	EB1200 EB1210 EB1220 EB1230 EB1250 EB1260 EB1270 EB1280																
Use	Wide shield for solid doors. The design of the handle set 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	<table> <tr> <td>EB1200</td><td>Access side wide with reader</td></tr> <tr> <td>EB1210</td><td>Access side wide with reader, reverse side narrow (mechanical)</td></tr> <tr> <td>EB1220</td><td>Access side wide with reader, reverse side wide (mechanical)</td></tr> <tr> <td>EB1230</td><td>Access and reverse sides wide with reader (dual version)</td></tr> <tr> <td>EB1250</td><td>Reverse side narrow (mechanical)</td></tr> <tr> <td>EB1260</td><td>Access and reverse sides wide (mechanical)</td></tr> <tr> <td>EB1270</td><td>Access side wide with reader (EH*), reverse side wide (mechanical)</td></tr> <tr> <td>EB1280</td><td>Access side wide with reader (EH*), reverse side narrow (mechanical)</td></tr> </table>	EB1200	Access side wide with reader	EB1210	Access side wide with reader, reverse side narrow (mechanical)	EB1220	Access side wide with reader, reverse side wide (mechanical)	EB1230	Access and reverse sides wide with reader (dual version)	EB1250	Reverse side narrow (mechanical)	EB1260	Access and reverse sides wide (mechanical)	EB1270	Access side wide with reader (EH*), reverse side wide (mechanical)	EB1280	Access side wide with reader (EH*), reverse side narrow (mechanical)
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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 30 mm																
Spacings	From 55 to 98 mm																
Handle square hole	7 mm – 8 mm – 8.5 mm – 9 mm – 10 mm																
Cylinder profile apertures	None, Euro profile, Swiss round profile, UK oval																
Ambient conditions and service life																	
Protection class	IP 54																
Outside shield temperature	–25 °C bis +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 × 1.5 V AA (type: Energizer Ultimate Lithium)																
Data retention	Date and time: min. 15 minutes Authorisations and other settings: unlimited																
Precision RTC	Approx. 1 minute per year within temperature range -20 to +60 °C																

Technical data [continued]

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

Certificates

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

Programming

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

Memory

Number of events	Max. 2000
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Battery life*

Standby without access operations	Up to 10 years
Standby with < 10 access operations per day**	Up to 6 years
Max. number of opening/closing operations per battery pack**	Up to 100,000

*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).