

CEsentry electronic handle set
Wide Shield EB12xx*



Access side

Reverse side



FSB1070



FSB1070G



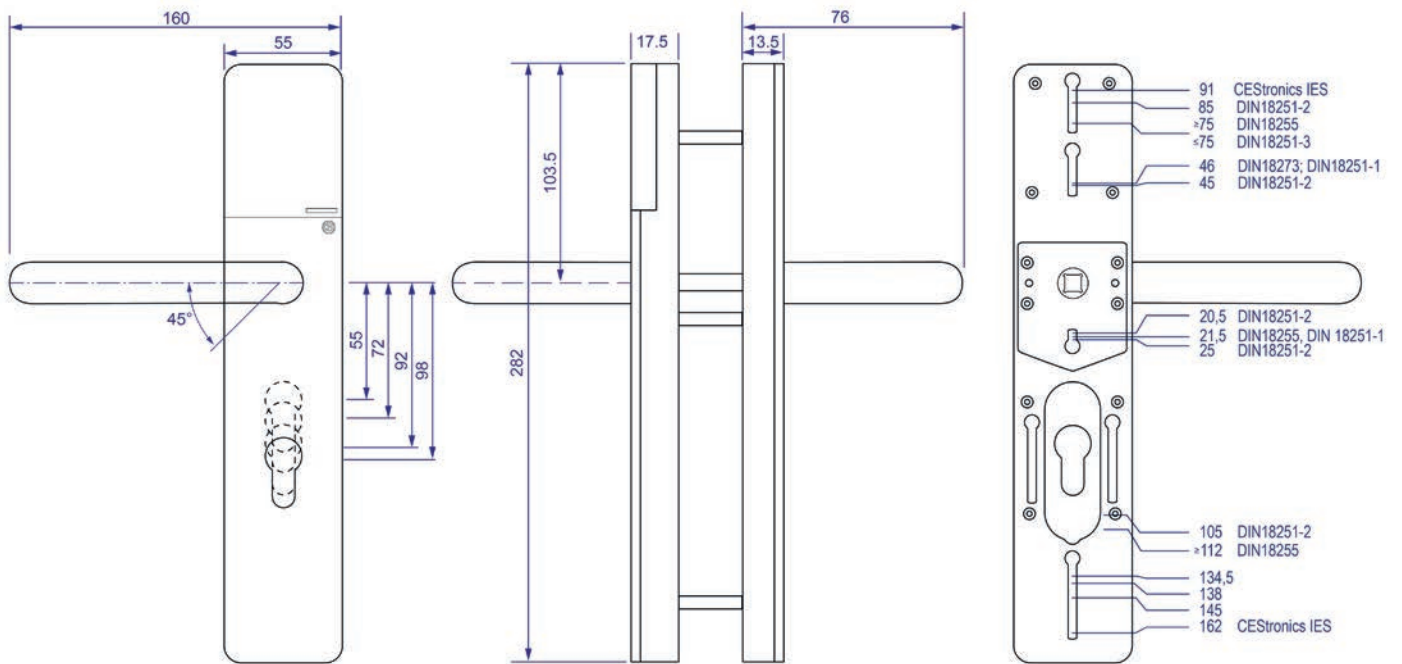
FSB1053



FSB1053G



FSB1076



*Full article designation dependent on version

All dimensions in mm

Technical data

Article designation	EB1200 EB1210 EB1220 EB1230 EB1250 EB1260														
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 or rosette handle sets with 38 mm centre distance. Conforms to DIN EN 179 and DIN EN 1125 with different locks and panic push bars.														
Versions	<table border="1"> <thead> <tr> <th>Art.-Nr.</th> <th>Characteristic</th> </tr> </thead> <tbody> <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 wide (mechanical)</td> </tr> <tr> <td>EB1260</td> <td>Access and reverse sides wide (mechanical)</td> </tr> </tbody> </table>	Art.-Nr.	Characteristic	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 wide (mechanical)	EB1260	Access and reverse sides wide (mechanical)
Art.-Nr.	Characteristic														
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 wide (mechanical)														
EB1260	Access and reverse sides wide (mechanical)														
Fire resistance rating	120 minutes acc. to DIN EN 1634-1 and DIN EN 18273 (for IP54 variant in preparation) General building authority approval no. Z-6.100-2586														
Finishes	Special finishes as per CES range or PVD coatings														
Dimensions															
Door thicknesses	From 35 mm to 165 mm														
Backsets	From 30 mm														
Spacings	From 55 mm 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	- IPX4 for all fittings in accordance with DIN EN 16867 - IP54 available as a variant														
Outside shield temperature	-25°C to +65°C at 0-95% rH non-condensing for the electronics														
Inside shield temperature	-25°C to +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)														
Battery life*	Max. number of opening/closing operations per battery: up to 100,000														
Data retention	Date and time: min. 15 minutes Authorisations and other settings: unlimited														
RTC precision	Approx. 1 minute per year within temperature range -20°C to +60°C														
Supported standards															
Reading	LEGIC advant / MIFARE® DESFire®														
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
----------------	---

Protection class	Optionally to DIN EN 16867 ES2 or to NEN SKG***
------------------	---

Programming

Offline	Via Bluetooth® Low Energy with CESentry Desktop-Writer
---------	--

	Via Bluetooth® Low Energy with smartphone (iOS/Android)
--	---

Online	Online network via Bluetooth® Low Energy with gateway (in preparation)
--------	--

Data transfer	Encrypted 128-bit/AES
---------------	-----------------------

Memory

Number of events	Max. 2,000
------------------	------------

Number of locking media	Max. 5,000
-------------------------	------------

*This information is valid for an ambient temperature of 20°C. Different temperatures, the type of use and locking device parameter settings may result in strongly divergent values.