

Narrow Shield EB1170 / EB1180 / EB1171 / EB1181



Access side



Reverse side



FSB1070



FSB1070G



FSB1053



FSB1053G



FSB1076

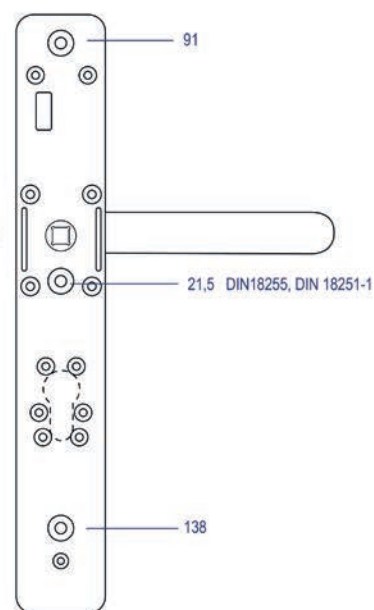
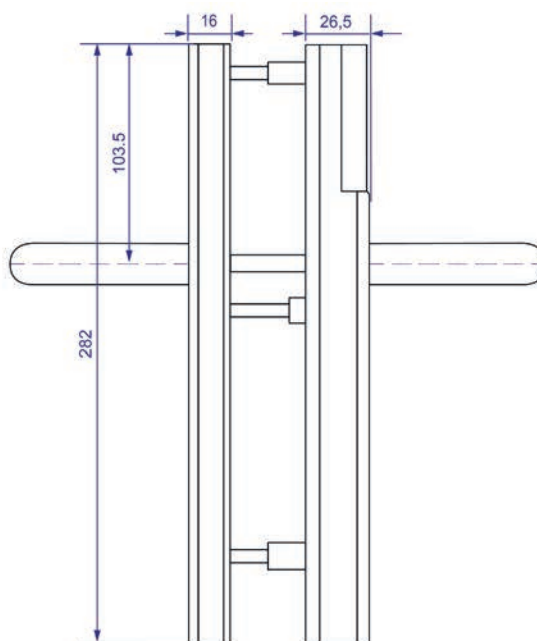
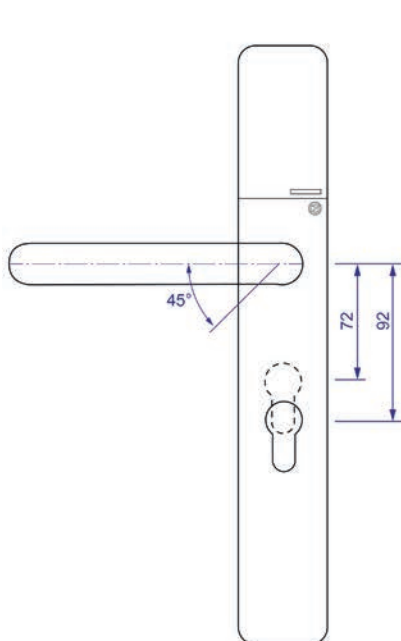


Illustration shows EB1170

All dimensions in mm

Technical data

Article designation	EB1170 EB1180 EB1171 EB1181	
Use	Narrow shield for framed doors with increased security requirements. 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	Art.-no.	Product version
	EB1170	Access side narrow with reader ES2, reverse side narrow (mechanical)
	EB1180	Access side narrow with reader ES2, reverse side wide (mechanical)
	EB1171	Access side narrow with reader SKG***, reverse side narrow (mechanical)
	EB1181	Access side narrow with reader SKG***, reverse side wide (mechanical)
Fire resistance rating	General building authority approval in preparation	
Finishes	Special finishes as per CES range	
Dimensions		
Door thicknesses	From 35 mm to 125 mm	
Backsets	From 25 mm	
Spacings	From 72 mm to 92 mm	
Handle square hole	7 mm – 8 mm – 8.5 mm – 9 mm – 10 mm	
Cylinder profile apertures	None, Euro profile	
Ambient conditions and service life		
Protection class	IP54	
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	2x 1.5 V AA (type: Energizer L91 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 2 3
Protection class	DIN EN 16867 ES2 (EB1170 EB1180) or NEN SKG*** (EB1171 EB1181)

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.