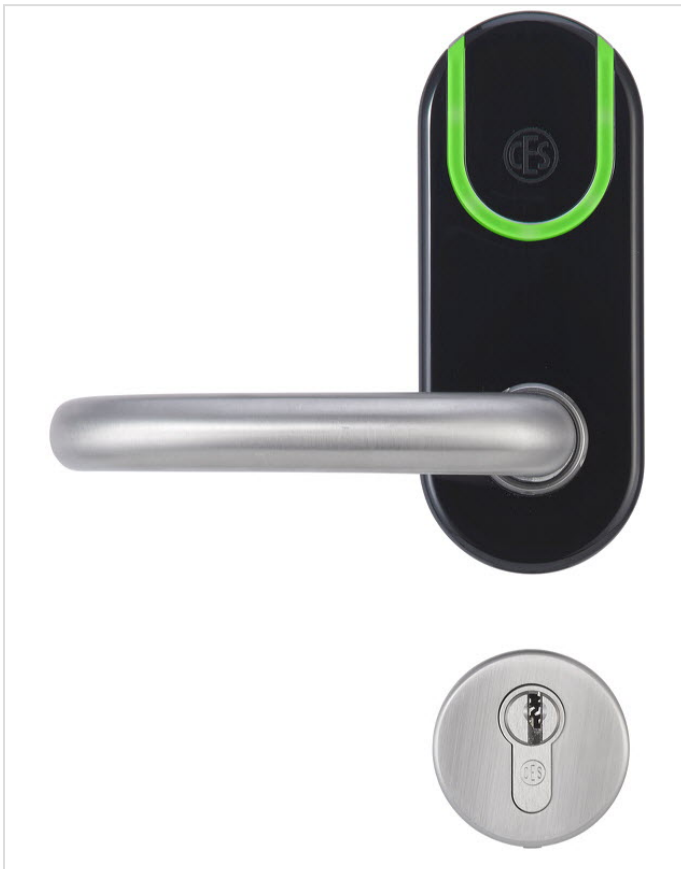


CES OMEGA FLEX

Electronic handle sets

Smart shield SIS



H11-0



H12-0



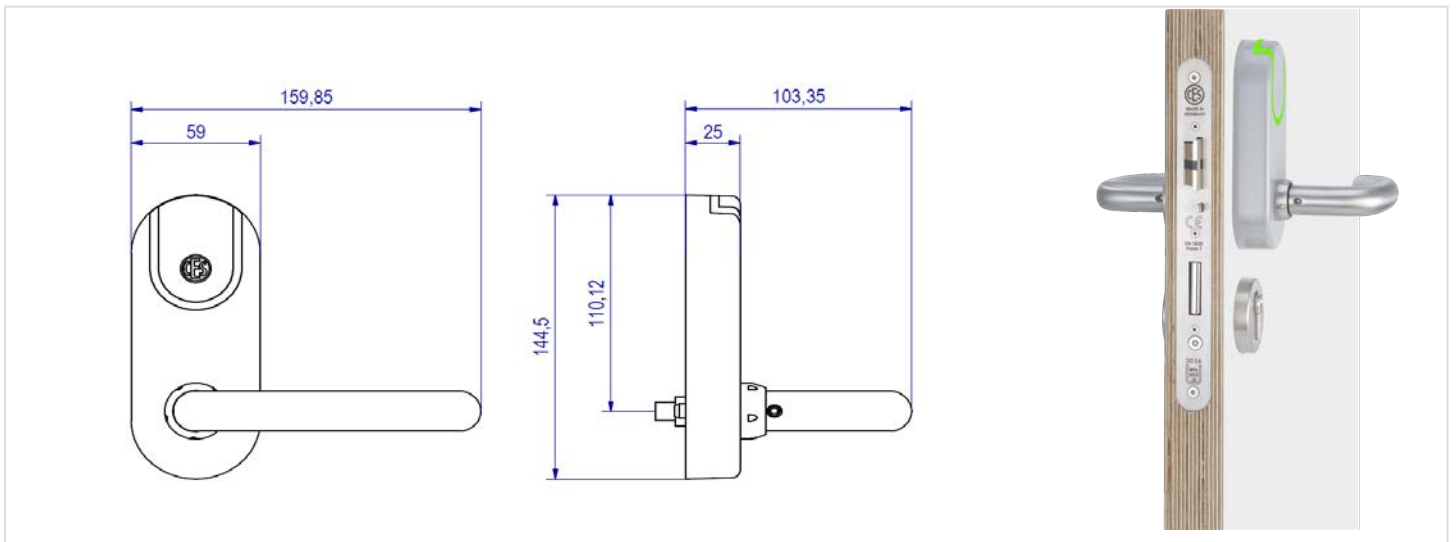
H13-0



H14-0



H15-0



CES OMEGA FLEX - Smart shield SIS

Technical Data

Part numbers	SIS / x
Suitable locking media	
MIFARE®	MIFARE® Classic® (1k/4k), MIFARE® DESFire® EV1 and EV2 (UID to ISO 14443 and application), all locking media ISO 14443 (except MIFARE Ultralight® C)
Reading range	Approx. 20 mm
Online radio frequency	868 MHz
RF range to Access-Point	Max. 25 m
Encrypted data transmission	128 bit/AES
Variants	
	Half-set for fixing onto existing roses Full set incl. indoor rose and handle (only 8 mm spindle) Dual version with electronics on both sides
Coupling follower	8 mm
Available spindles	7 mm, 8 mm, 9 mm
Door thickness	35 mm...115 mm
Backsets	Min. 40 mm
Power supply	Battery: 2 x Energizer Ultimate Lithium 1,5V AAA
Number of locking media	Max. 5.000
Number of events	Max. 2.000
Number of Master media	Max. 1 System-Master, max. 10 Program-Master, max. 10 Time-Master, max. 10 Release-Master, max. 10 Block-Master, max. 10 RF-Stick-Master, max. 100 Emergency-Keys, RF-Ini-Master unlimited, RF-Trace-Master unlimited
Temperatures at outside shield	-10 °C to +70 °C bei 0...95% rH non-condensing
Degree of protection	IP40
Prohibited atmospheres	Not suitable for use in corrosive atmospheres (chlorine, ammonia, lime water)
Durability of the handle set	Conforming to DIN EN 1906 Grade 6, 100,000 cycles
Service life of the battery	Approx. 80.000 closures at 20 °C
Programming	With Master media, Offline via radio with RF-Stick, CEStronics RF-NET radio network; CEStronics V-NET virtual network
RAL colors of the handle sets	White: RAL 9003, black: RAL 9005, grey: RAL 7004
Classification	DIN EN 1906:2012-12 2 6 -- B 1 3 0 B
Fire resistance rating	T120 conforming to DIN EN 1634-1 (only with fire resistant indoor handle set and 9 mm spindle e.g. Hoppe FS-E138/42H/42HS)
CE testing	EN 300 220-1-2; EN 300 330-1-2; EN 301 489-1, 3; EN 60950-1, EN 62311

Ordering example

Article number	ID-System MIFARE	V(ariant)	Type	HD	HT	SP	DT	CS
		/N, /T, /TV, /NET	SO, HI, HR, DS	Lever handle direction L, R	Lever handle type	Spindle 7,8,9	Door thickness 35 ... 115	Colour shield B,W,G
SIS		/T	SO	L	H11-0	8	55	B

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