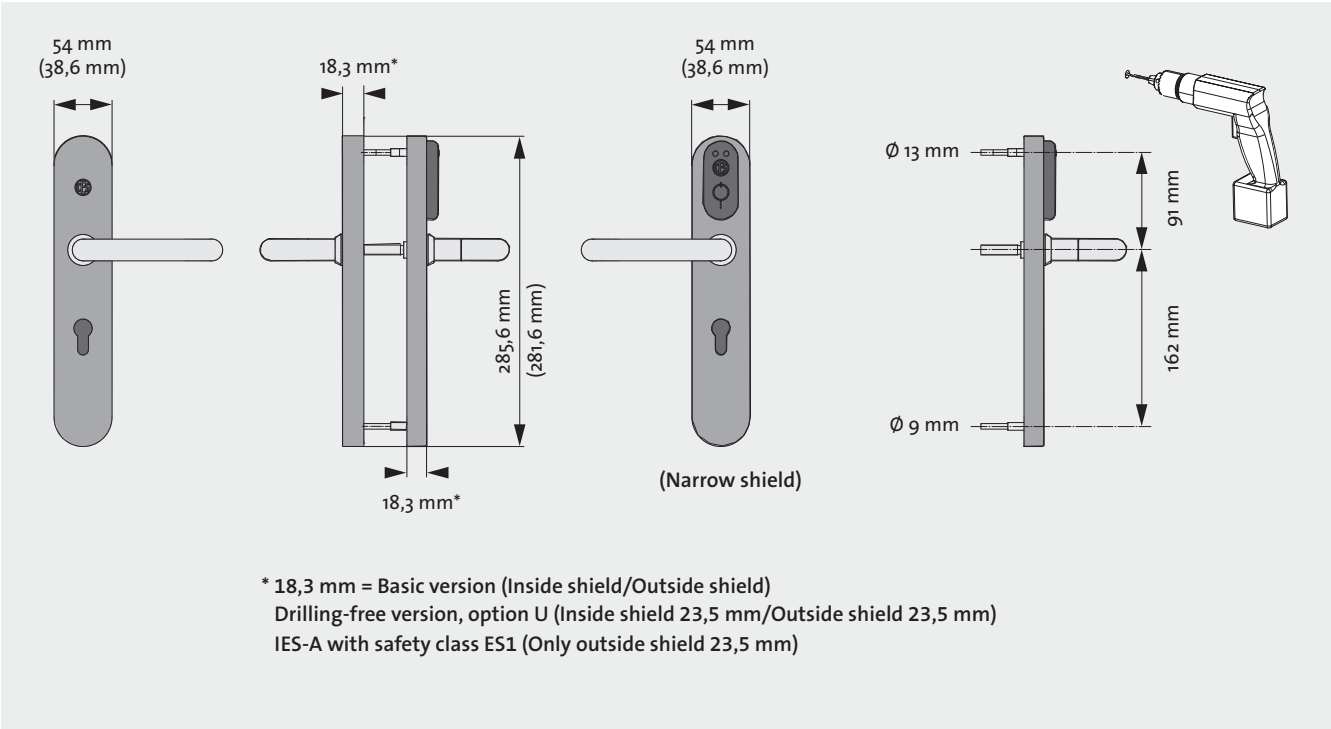


OMEGA ACTIVE IES  
Intelligent Electronic Shield



## OMEGA ACTIVE IES Intelligent Electronic Shield

### Technical data

Part numbers	IES-x-A, see variants
Suitable transponder media	Active transponders 125 kHz/868 MHz, Hitag 1, Hitag 2, Hitag S, EM4102, others upon request
Reading range	Active: ca. 700 mm/passive 125 kHz: ca. 20 mm
Online radio frequency	868 MHz
RF range to Access Point	Ca. 25 m
Encrypted data transmission	128 bit/AES

Variants	Part number
Narrow shield	IES-S-A
Broad shield	IES-B-A
Outside broad/inside narrow	IES-A-A
Outside narrow/inside broad	IES-I-A

Power supply	Battery: 2 x (3,6 V, AA-type; 2,2 Ah) CESTronics part number: 248108V
Number of locking media	Max. 2,048
Number of events	Max. 500
Number of Master media	Max. 1 SYSTEM-MASTER, max. 10 PROGRAM-MASTERS
Temperature at outside shield	-25 °C to +75 °C (IP54)
Temperature at inside shield	0 °C to +50 °C
Prohibited atmospheres	Not suitable for use in corrosive atmosphere (chlorine, ammonia, lime water)
Service life of the IES	According to DIN/EN
Service life of the battery	One year with 80 actuations a day
Programming	Master media or handheld programmer and/or RF network
Safety class	DIN 18257 class ES1 optional
Tests	EN/DIN 18273, EN 179 (with different locks)
Uses	Conforming to EN 179 and EN 1125 with different locks and anti-panic bolts
CE testing	EN 300 220-1; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1
Special designs	Special broad shield for installation without drilling on doors with roses that are screwed together horizontally (fire protection) Burglar resistant according to EN 1906 class 2 (broad and narrow) and DIN 18257 class ES1

### Ordering information

Quantity	Part number	S: IES version	DA: Handle outside	DI: Handle inside	D: Handle bearing	OB: Surface	TS: Thickness of the door	LM: Hole centre (distance)	LO: Hole (profile cylinder)	DOR: Spindle (square)	E: Safety class
1	IES-x-A	S	HA	HA	K	ST	63	72	PB	9	0