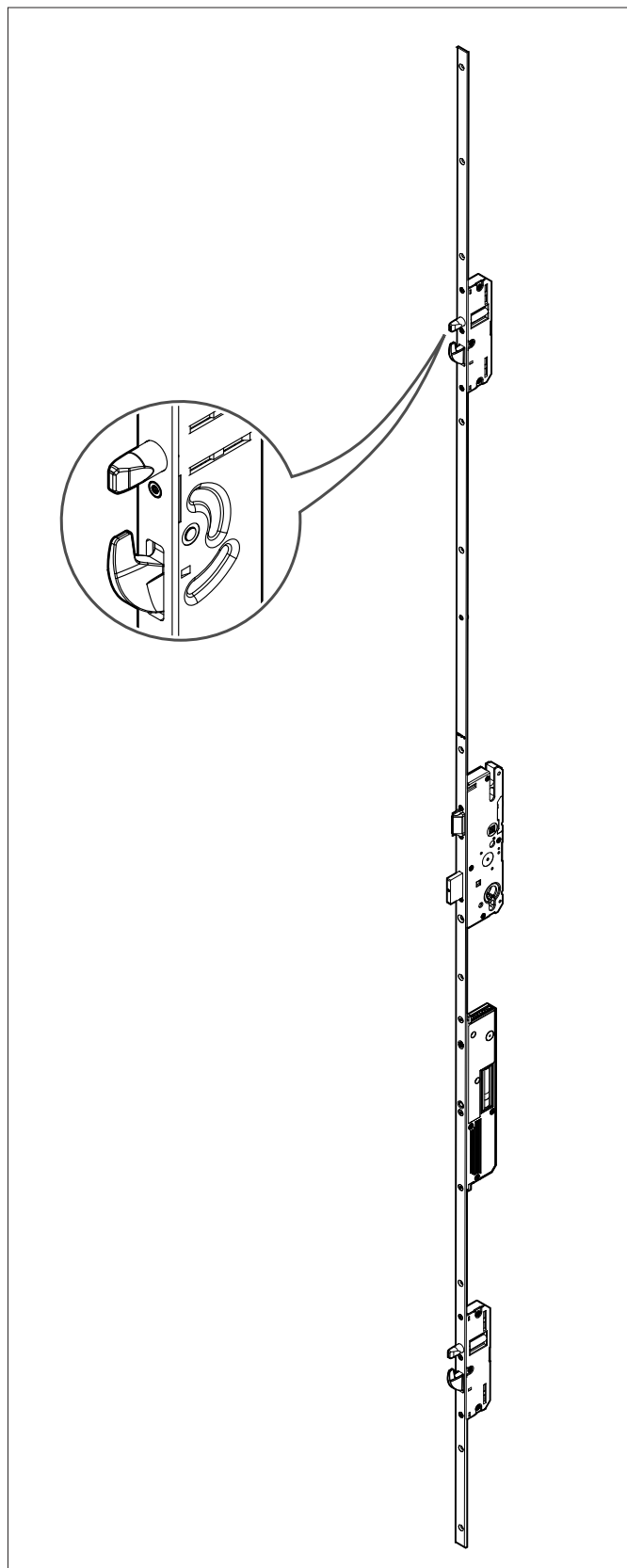


1 GENIUS AS 2600

1.1 Features and functions



The multi-point locks GENIUS AS 2600 and AS 2602 are electromechanical, self-locking multi-point lock with 2 auxiliary boxes, each with a galvanically finished steel round bolt and a hook bolt. After the door is closed, it locks automatically with single turn locking of all locking elements with locking counterpressure protection and permanent locking monitoring system. The locking and unlocking is carried out electromechanically via an analogue or digital opening pulse (digital via the SI-BUS). Optionally, the door can be opened via the cylinder lock or the lever handle.

Specification:

- Electromechanical key-operated multi-point lock
- Main lock with soft lock latch, deadbolt and smooth-running gear
- Main lock variants:
 - main lock type E: without comfort function
 - main lock type C: with comfort function (quick opening via the lever handle on the inside of the door)
- Available backsets:
 - 35 mm
 - 40 mm
 - 45 mm
 - 50 mm
 - 55 mm
 - 65 mm
 - 70 mm
 - 80 mm
- Escutcheon holes at a minimum 45 mm backset
- Available PZ dimensions:
 - 72 mm (GENIUS AS 2602)
 - 85 mm (GENIUS AS 2600)
 - 88 mm (GENIUS AS 2600)
 - 92 mm (GENIUS AS 2600)
 - 94 mm (GENIUS AS 2600)
- Available spindle squares:
 - 8 mm
 - 9 mm
 - 10 mm

Product data sheet

Electromechanical multi-point lock GENIUS 2.2, AS 260X EA / EB / CA / CB

- Available face plates as flat faceplates with a width of 16 mm or more, up to U-profile faceplates 10 x 30 x 10 mm
 - Flat face plate: 16 mm
 - Flat face plate: 20 mm
 - Flat face plate: 24 mm
 - U-profile faceplate: 5 mm x 24 mm x 5 mm
 - U-profile faceplate: 6 mm x 22 mm x 6 mm
 - U-profile faceplate: 6 mm x 24 mm x 6 mm
 - U-profile faceplate: 10 mm x 30 mm x 10 mm
- Faceplate surface:
 - matt brushed stainless steel
- Cases screwed to the faceplate
- Shield length: 2170 mm
- Can be used DIN RH or DIN LH by switching the main lock latch

Variants and functions:

- Version for fire-rated doors
- Prepared for round cylinders
- Can be extended with extension piece V 1600 for doors up to 3000 mm in height
- deviating shield lengths
- deviating handle heights
- deviating position of the auxiliary lock cases

Electronic versions:

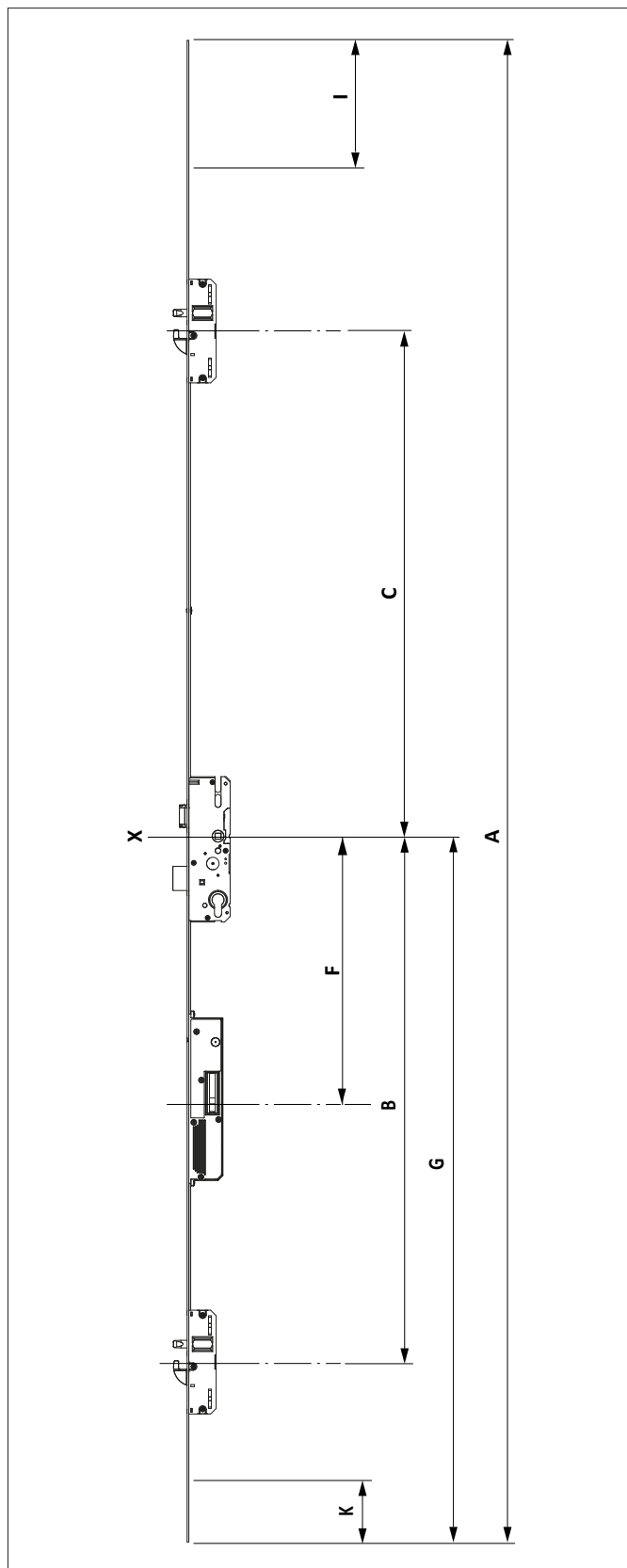
- electronic type A:
 - integrated control electronics
 - automatic locking and release
 - Analogue input for opening signal with 100% duty cycle
 - Digital SI-BUS interface
 - Manual changeover day/night per LED button on the faceplate
 - Optional control via the SIEGENIA Comfort app
- electronic type B:
 - integrated control electronics
 - automatic locking and release
 - Analogue input for opening signal with 100% duty cycle
 - Digital SI-BUS interface
 - Manual changeover day/night per LED button on the faceplate
 - Optional control via the SIEGENIA Comfort app
 - Changeover between Day and Night mode with an external clock timer
 - Status feedback for external systems via analogue output

Other specifications on request.

1.2 Technical specifications

Relative humidity (non condensing)	20 - 80 %
Ambient temperature (in accordance with DIN EN 14846 class K, L, N, P) T_{UM}	-25 - +70 °C
Protection class	IP 40
Electrical connection	Digital connection via SI-Bus Analogue connection
Operating voltage U_B	24 V DC (19 - 32 V DC)
Protection against polarity reversal $U_{Verp.}$	-50 V
Communication voltage U_{SI-BUS}	-7 - +12 V
Voltage input terminal 4 $U_{KL4.ON}$	24 V DC (19 - 32 V DC) > 1 s
Operating current for motor control I_B	500 mA (max. 1000 mA)
Current output terminal 7 I_{KL7}	≤ 20 mA

1.3 Dimensions



A	Total length
B	System marking up to middle of bottom auxiliary box
C	System marking up to middle of top auxiliary box
F	System marking up to middle of drive
G	System marking middle of lever handle square spindle
I and K	Croppability
X	System marking

Product data sheet

Electromechanical multi-point lock GENIUS 2.2, AS 260X EA / EB / CA / CB

FFH (mm)	Size variants	A (mm)	B (mm)	C (mm)	F (mm)	G (mm)	H (mm)	I (mm)	K (mm)
Continuous faceplate with G = 1020									
1505 - 1754	B296	2170	760	355	380	1020	-	665	130
1755 - 1880	B298	2170	760	605	380	1020	355	415	130
1881 - 2170	B001	2170	760	730	380	1020	355	290	130
1882 - 2170	B002	2170	760	730	380	1050	355	260	160
2171 - 2400	B003	2400	760	980	380	1020	355	270	130
Cropped faceplate with 2 fastening holes on each sash end									
1755 - 1880	B041	1700	760	605	380	952	355	-	-
1881 - 2170	B166	1855	760	730	380	952	355	-	-
2171 - 2400	B253	2170	760	980	380	952	355	-	-
Cropped faceplate with one fastening hole on each sash end with option and combination of an extension piece									
1755 - 1880	C298	1692	760	605	380	892	355	-	-
1881 - 2170	C001	1817	760	730	380	892	355	-	-
2171 - 2400	C003	2067	760	980	380	892	355	-	-