

SE 60 LSNi SmartKey Blocking Unit

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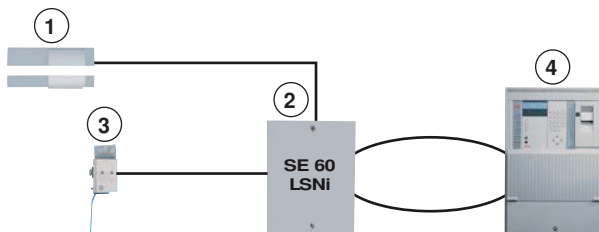
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- ▶ The SE 60 LSNi conventional control unit is programmable via the control panel
- ▶ The SPE blocking element is controlled via the intrusion control panel
- ▶ The SPE blocking element is suitable for various types of doors

The SE 60 LSNi SmartKey blocking unit is used as a mechanical lock for doors.

System overview



- 1 SPE blocking element
- 2 SE 60 LSNi control unit
- 3 Bolt contact
- 4 LSN control panel

Functions

The SE 60 LSNi control unit controls the SPE blocking element depending on the state of the bolt contact and/or the intrusion control panel. When the door is closed (bolt contact is activated), the bolt of the SPE blocking element is automatically engaged. When the door is unlocked, the bolt is disengaged if the

detection area is disarmed. When the detection area is activated, the bolt remains engaged, thus preventing unintended access to the area. If no bolt contact is realized, the bolt of the SPE blocking element is engaged by the activation signal issued by the control panel.

SE 60 LSNi

The SE 60 LSNi control unit processes the status reports of all components in the system, communicates these reports to the intrusion alarm system and controls the SPE blocking element. The control unit has a lock line for connecting bolt contacts and two primary lines for connecting e.g. magnet contacts. The control unit is mounted in the secure area.

SPE blocking element

The SPE blocking element is an additional lock for the door and is intended to prevent unauthorized entry to the armed area. The SPE blocking element must always be mounted in the secure area with a kit to allow it to be fitted out for different door types. Motorized block function: All blocking elements for an area are engaged and disengaged simultaneously. A conventional bolt contact should be fitted to the control unit (not part of the scope of delivery).

A conventional standard magnet contact can be connected to the control unit (not part of the scope of delivery).

Certifications and approvals

Country	Certification	SE 60 LSNi
DE	VdS	G 106062, C
Region	Certification	
Germany	VdS	G 106062, C SE 60 LSNi G 106062
Europe	CE	SE 60 LSNi
	CE	SmartKey

Installation/configuration notes



Notice

The SmartKey is fully operational only in conjunction with a blocking element.

The SPE blocking element is always mounted in the secure area with a mounting kit.

If several LSN SmartKey systems need to block simultaneously in one area (motorized block locking function), the control units must be in the same LSN processing assembly (on LVM for UEZ, on NV 120 for UGM).

SE 60 LSNi without bolt contact:

Due to the time shift caused by the LSN, up to four SE 60 LSNi can be activated in 200 ms (not arming time). In general, a bolt contact should be mounted.

Technical specifications

SE 60 LSNi control unit

Operating voltage	9.6 V to 30 V
Total current consumption including blocking element at an input voltage of 9.6 V	
• Standby LSN part	3.53 mA
• Standby additional supply	41 mA
• Bolt is engaged	110 mA for 200 ms
• Bolt blocked	470 mA for 200 ms
Total current consumption including blocking element at an input voltage of 28 V	
• Standby LSN part	2.5 mA
• Standby additional supply	30 mA
• Bolt is engaged	65 mA for 200 ms
• Bolt blocked	200 mA for 200 ms
Environmental conditions	
• Environmental class	2

• Protection category	IP 30
• Operating temperature	-5 °C to +45 °C
• Storage temperature	-40 °C to +85 °C

Housing

• Material	ABS
• Color	RAL 9002
Dimensions (H x W x D)	160 x 135 x 35 mm
Weight	0.25 kg

SPE blocking element

Bolt max. distance to locking plate	4 mm
Break force for emergency open	0.8 to 1 kN
Cable to control unit	Max. 6 m, 6-pin, shielded, permanently cast

Environmental conditions

• Environmental class	3
• Protection category	IP 44
• Operating temperature	-25 °C to +55 °C
• Storage temperature	-40 °C to +85 °C

Housing

• Material	ABS
• Color	RAL 9002

Weight

• Surface mounting models	0.45 kg
• Flush mounting models	0.40 kg
Dimensions (H x W x D)	28 x 118 x 16 mm

Ordering information

SE 60 LSNi SmartKey Blocking Unit

For mechanically locking doors
Order number **IUI-SKCUOL-60**

Accessories

SPE blocking element incl. surface mounting kit

For installation on frame/door
Order number **4998013609C20;4998149110**

SPE blocking element incl. flush mounting kit

For installation in frame/door
Order number **4998021691C20;4998149110**

SPE blocking element incl. glass kit

For installation on glass doors
Order number **4998019339.C20;4998013609C20;4998149110**

SPE blocking element incl. NBS 10 kit

For upgrading the NBS 10
Order number **4998149110;4998040651C20**

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