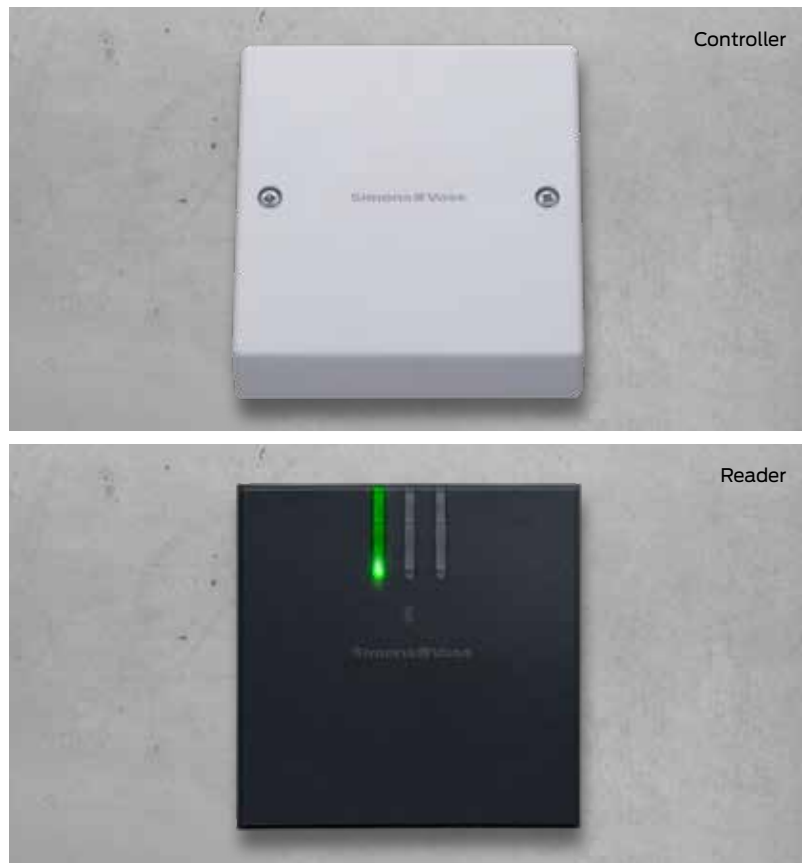


A modular unit consisting of controller and reader



// FEATURES

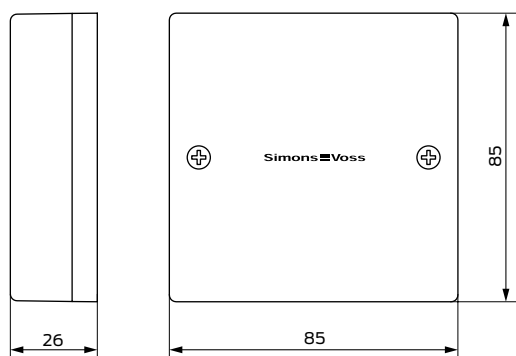
- ❑ Control unit for locking systems; used to switch electrically operated doors, gates and barriers and to control lifts, machines, appliances and lighting
- ❑ Authorised identification media trigger the control signal – supported: active transponders, passive RFID media, and smartphones with mobile keys stored in AX2Go via Bluetooth® Low Energy
- ❑ In the case of SmartRelay AX Classic, each controller with a connected reader forms a control unit
- ❑ Controller with compact dimensions for protected indoor areas
- ❑ Reader housing in white or dark grey; highly robust and scratch-resistant thanks to glass-fibre reinforced plastic and increased wall thickness
- ❑ Options for enhanced protection: WP weatherproof version, COVER version with anti-vandalism frame, Class IK09
- ❑ Reader also available with integrated LockNode for integration into WaveNet wireless network
- ❑ Made in Germany.
A given for us

// TECHNICAL DATA

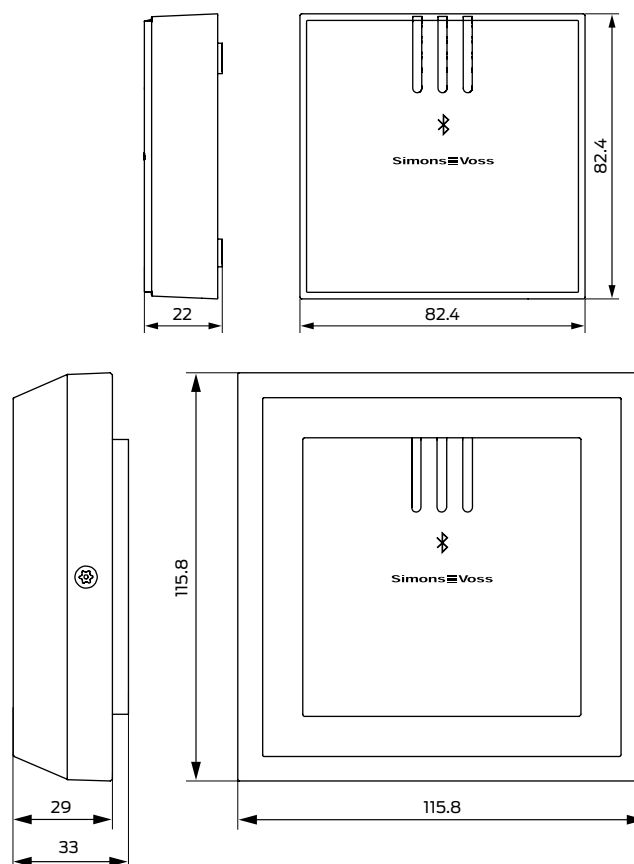
	// SmartRelay AX Classic Controller	// SmartRelay AX Classic reader
Variants	❑ SV-SREL.CTR.CL.AM.G2.W ❑ SV-SREL.CTR.CL.AM.G2.W.ZK with access control	❑ SV-SREL.RD.AM.G2.W, white housing ❑ SV-SREL.RD.AM.G2.GY, dark grey housing Additional versions, can be combined: LN with integrated LockNode WP version with weather protection COVER with anti-vandalism frame, matching colour
Dimensions (W x H x D)	about 84,8 x 84,8 x 25,5 mm	about 82.4 x 82.4 x 22 mm with protective frame: about 115.8 x 115.8 x 33 mm
Housing	ABS	Top part and optional anti-vandalism frame: PA6 GF50, UV-stable Bottom part: Makrolon® 2407, transparent Anti-vandalism frame PA6 GF50, stainless steel base plate
Colour	white, similar to RAL 9003	❑ dark grey, similar to RAL 7021 or ❑ white, similar to RAL 9016
Protection rating	❑ IP40	❑ IP20 ❑ WP version IP65 ❑ IK09 with Anti-vandalism frame
Vibration	Not approved for continuous use when subject to vibration	Not approved for continuous use when subject to vibration
Temperature range	-20 °C to +60 °C	-20 °C to +60 °C
Humidity	Max. 90% relative humidity, non-condensing	Max. 90% relative humidity, non-condensing
Power supply	❑ V_{IN}: 9 V_{DC} to 32 V_{DC} with reverse polarity protection ❑ Power input max. 100 mA at 12 V ❑ Power supply-side output limited to 15 W ❑ Backup battery CR1220 3V for real-time clock, included in scope of supply, replaceable	❑ V_{IN}: 9 V_{DC} to 32 V_{DC} with reverse polarity protection ❑ Power input max. 100 mA at 12 V ❑ Power supply-side output limited to 15 W ❑ Reader power supplied via controller or connected separately if required

	// SmartRelay AX Classic Controller	// SmartRelay AX Classic reader
Installation	Wall mounting, housing base with screw holes; for mounting screws Ø 4 mm	Wall mounting, housing base with screw holes; for mounting screws Ø 4 mm; variants with anti-vandalism housing, including base plate
Programming	via the connected reader	❑ Bluetooth® Low Energy, e.g. SmartStick AX ❑ RFID, e.g. SmartCD.MP ❑ WaveNet (868 MHz) if LN option available ❑ Via active interface not recommended – very time-consuming
Software		❑ LSM 3.6 ❑ AXM Plus
Signalling	❑ Three LEDs fitted inside for diagnosis purposes; only visible when the housing cover is removed	❑ Three forward-facing LEDs, red/green/yellow, to indicate status
Interfaces/connections	❑ Wired via screw terminals; for wires and strands between 0.2 and 1.5 mm² ❑ RS-485 to connect reader ❑ Relay output with changeover contact, max. 32 V, max. 1 A ohmic load ❑ One digital input, for Request-to-Exit Low: 0 V_{DC} to 0.5 V_{DC}; high: 4 V_{DC} to 32 V_{DC} ❑ Two digital outputs, max. 32 V, 100 mA max. ❑ Serial protocols: Wiegand, Omron	❑ Wired via screw terminals; for wires and strands between 0.2 and 1.5 mm² ❑ RS-485 for connection to controller ❑ Bluetooth® Low Energy (BLE) 2.4 GHz ❑ RFID 13.56 MHz ❑ Active SV technology (25 kHz) ❑ WaveNet (868 MHz) if LN option available
Identification media		❑ Active SimonsVoss transponder ❑ MIFARE® Classic, MIFARE® DESFire® (EV1-EV3) ❑ UID for ISO 14443 RFID media ❑ Smartphones via Bluetooth® Low Energy interface, AX2Go app and mobile keys stored in app ❑ Max. 64,000 users
Conformity, approvals	CE as per RED 2014/53/EU for EU, UK	CE as per RED 2014/53/EU for EU, UK

// CONTROLLER



// READER



See price list for further variants, options and accessories.

Measurements indicated in mm