#### PRODUCT SHEET // SMARTRELAY 3 ADVANCED

# A modular unit consisting of a controller and reader with optional vandalism protection



Controller





Reader with vandalism protection

Reader

# // TECHNICAL DATA

## // FEATURES

: Intelligent networked control unit used to extend any locking system

Simons Voss

- High-performance gateway in a virtual network updated access rights transmitted to identification media
- : Connection option for the Smart Output Module (e.g. lift control)
- : Access event logging differentiated by readers
- Extremely robust, scratchproof housing:
   Increased wall thickness
- :: Glass-fibre reinforced plastic
- :: Impact protection rating IK09
- : Visual and audible feedback on the operating status also in combination with the SREL3.COVER vandalism protection frame
- : Supports active and passive technology
- : Connection of up to three readers to a controller with a maximum cable length of 150 m
- : Also available in waterproof .WP version
- Can be combined with the additional SREL3.COVER vandalism protection:
   Easy installation, even in pattress boxes
   Improved leverage protection
- : Reader and cover available in black grey and white housing

	// SmartRelay 3 Advanced Controller	// SmartRelay 3 LED reader
Variants	<ul> <li>Basic version (SREL3.CTR.ADV.G2)</li> <li>Basic version with access control, time zone management and events logging (SREL3.CTR.ADV.ZK.G2)</li> </ul>	<ul> <li>White housing: SREL3.EXT2.G2.W(.WP)</li> <li>White housing with vandalism protection: SREL3.EXT2.G2.W.COVER(.WP)</li> <li>Black-grey housing: SREL3.EXT2.G2.GY(.WP)</li> <li>Black grey housing with vandalism protection: SREL3.EXT2.G2.GY.COVER(.WP)</li> <li>All products are also available in a waterproof version (.WP)</li> </ul>
Dimensions (W $\times$ H $\times$ D)	172 x 86 x 33 mm	82.4x82.4x22 mm/with protective frame: about 115.8x115.8x33 mm
Standard protection rating	:: IP20	IP20 IP65 for WP version II IK09
Power supply	<ul> <li>Power-over-Ethernet (PoE)</li> <li>Compliant with IEEE 802.3af</li> <li>PoE budget to be provided: max. 10 W (includes up to three readers powered by the controller)</li> <li>External power supply unit</li> <li>V<sub>IN</sub>: 9 V<sub>DC</sub> - 32 V<sub>DC</sub></li> <li>Connection via screw terminals or round plug</li> </ul>	Via the SREL3 ADV Controller Alternatively via external power supply
Interfaces/connections	<ul> <li>Initial programming via mini-USB connection</li> <li>Subsequent programming via Ethernet (TCP/IP)</li> <li>Connection for up to three external readers</li> <li>Serial interface</li> </ul>	<ul> <li>RS485: Interface to SREL3 ADV Controller, number of connections: 1, max. range: 150 m (CAT5, shielded)</li> <li>RFID: 13.56Hz compatible (MIFARE® Classic, MIFARE® DESFire®) Range: 0 mm to 15 mm max. (card format)</li> <li>B-field: compatible with SimonsVoss transponders Range: 0 cm min. to 60 cm max. (Transponder)</li> </ul>
Signalling	:: LED: multi-coloured	LED: multi-coloured with piezo
Temperature range	Operating: -25 °C to +60 °C Storage: 0 °C to +30 °C (>1 week)	Operating: -25 °C to +60 °C Storage: 0 °C to +30 °C (>1 week)
Humidity	Max. 90%, non-condensing	Max. 90%, non-condensing

#### // READER









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### // EXAMPLES OF USE



Virtual network Booking station to update access rights



# Switching

of elements such as doors, barriers, roller shutters and garage doors



Lift control Individual access rights for different floors



#### **Connection to external systems** such as a canteen billing system via a serial

systems such as a canteen billing system via a serial interface

