

## FEATURES

- Electric lock for the IDAC access control system.
- References:
  - 9500008: right hand for inswing door (DIN Left)
  - 9500009: left hand for inswing door (DIN Right)
  - 9500021: right hand for outswing door (DIN Left)
  - 9500022: left hand for outswing door (DIN Right)
- Flush-mounted in door.
- Mechanical safety opening.
- Rechargeable battery (NiMH).
- European profile cylinder slot (PZ).
- Dimensions 24 x 280 x 103mm.
- Cylinder-faceplate distance (backset): 70 mm.
- Square spindle-cylinder distance: 70 mm.
- Latch travel distance: 20 mm
- Square spindle slot: 9x9 mm
- Conformity with the CE directives (CE-mark on its side).

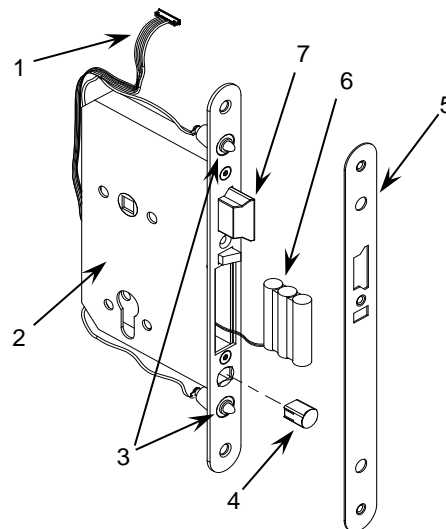


Figure 1. Electric lock with battery back-up – (left hand for inswing door case)

1. Electric lock cable	2. Electric lock	3. Power contacts from the IDAC system
4. Cap	5. Trim plate	6. Rechargeable battery
		7. Latch bolt

GENERAL SPECIFICATIONS		
CONCEPT		DESCRIPTION
Type of device		Electric operation control device
Power supply	KNX supply	Through power contacts of the IDAC system when the door is closed (21 .. 31VDC)
	Rechargeable battery	When the door is open or KNX system is down (3.6VDC)
Operation temperature		-10°C .. +50°C
Storage temperature		-20°C .. +60°C
Operation humidity		30 .. 80%
Storage humidity		30 .. 80%
Protection class		III
Operation type		Continuous operation
Device action type		Type 1
Electrical stress period		Long
Complementary characteristics		Class B
Degree of protection		IP20 (clean environment)
Installation		Flush-mounted in door
Minimum clearances		Not required (refer to the installation manual and toolpath templates)
Weight		958g
PCB CTI index		175V
Housing material		Steel

RECHARGEABLE BATTERY (NiMH) SPECIFICATIONS	
CONCEPT	DESCRIPTION
Nominal voltage	3.6VDC
Nominal capacity	900mAh
Minimum charge cycles	500 cycles
Autonomy	24 hours
Standard complete charge	10 hours
Maximum start-up time	2 minutes



## SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at <http://zennio.com/weee-regulation>.

