

Lock Functions

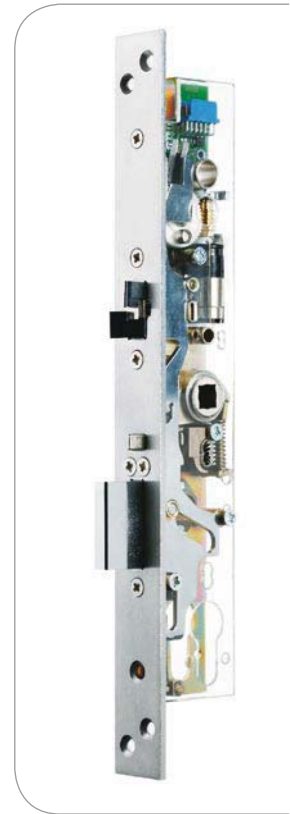
- When electrical control is on, the dead bolt is withdrawn inside the lock case and the latch bolt is released. The lock is unlocked and the door can be opened by mere pushing.
- When the door closes, the trigger bolt together with the latch bolt is pushed against the strike plate inside the lock case, and after the latch bolt gets inside the door frame, the dead bolt throws out and the latch bolt is blocked consequently. The lock is secured in two points and protected against throwing-out of the dead bolt off the frame by electric motor.
- The lock is connected to an external control unit EA420, which is included in the delivery.
- In the case of power failure the lock remains locked.
- Mechanical opening using key cylinder is always possible from both sides and the lock can be opened by inside handle (antipanic feature).

Control Unit Dimensions

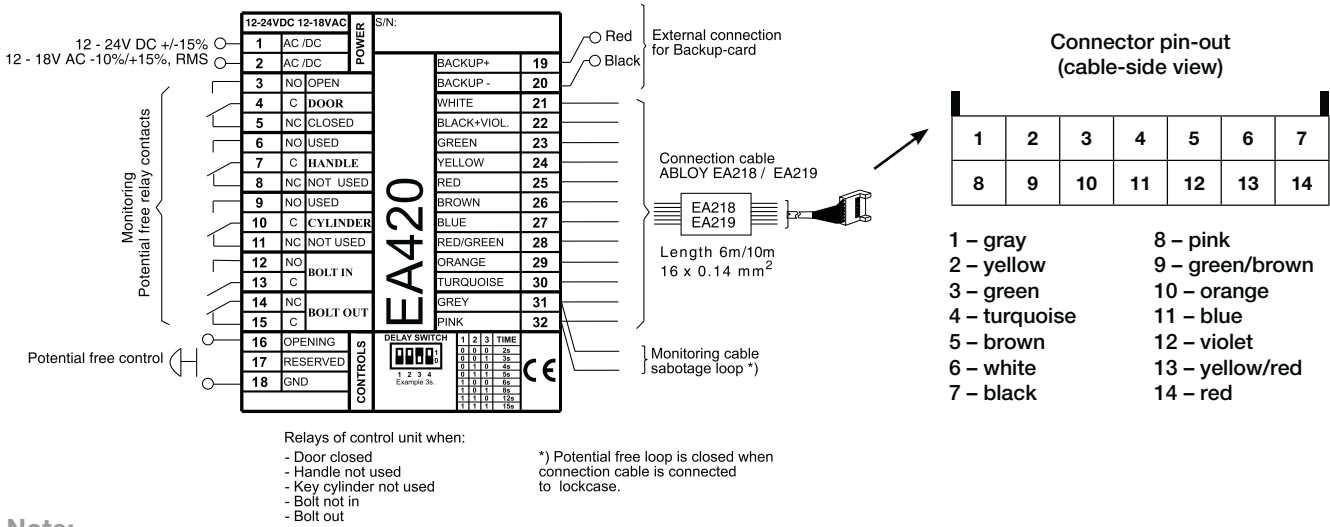
- L x W x H (194 x 113 x 46 mm)



EA420 – Control unit for EL420/EL520



Wiring Diagram



Note:

The lock is equipped with a connector for connection of the external control unit via cable EA218 (EA219). From the lock, the cable must be routed through the door frame via cable lead (EA280, EA281) or surface mounted door cord (8812, TSB – C) into the wall and then to the external control unit EA420. In connection with EN 1125 the lateral panic fittings effeff 8000 are recommended, which are especially suitable for frame doors.

Accessories

Connector cables	Price €	Security fittings	Price €
EA218 (6m)		SX48 (handle-bar)	
EA219 (10m)		effeff 8000 – panic fittings effeff	p. 110
Lead covers	Price €	Strike plate	Price €
EA280 (230 mm)		EA321-EA324	
EA281 (450 mm)		Spindle	Price €
8812 (330 mm)		9mm – solid	
Proximity card reader	Price €	Price €	
HID EntryProx 4045	p. 136	p. 136	