



STEP 29 Silent™

– Sturdy electric strike for protruding latch bolts

STEP 29 Silent is a sturdy electric strike that can accept protruding latch bolts of up to a full 20 mm. Unique STEP technology gives the door smooth and almost silent operation. Approved fire resistance class E/EI 60.

Reduced noise enables a wide range of application areas

Step 29 Silent has unique opening and closing properties that enable a wide range of application areas. Soft and quiet operation along with sturdy construction makes STEP 29 Silent perfect for frequently used doors or where reduced noise is desirable, such as in apartment buildings, offices, schools and hospitals.

High security

With STEP 29 Silent you get high resistance to burglary attempts through high break resistance and electrically operated anti-hammer protection that makes it impossible to manipulate the locking function.

Faceplates

There is a selection of faceplates in stainless steel for STEP 29 Silent.

Suitable lock cases for the Scandinavian market

- Latch locks type Abloy 4180

When it has to work.



STEP
29
SILENT

Technical data



Fire resistance class E/EI 60

Power consumption with fail secure function

24 V DC + 15 % - 10 %	12 V DC + 15 % - 10 %
313 mA unlocked	639 mA unlocked

Power consumption 0 mA for rotating cam at rest (fail secure = locked)

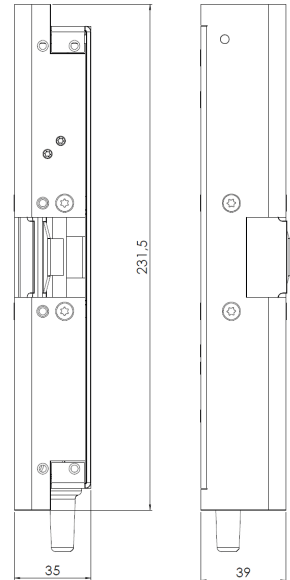
Article number for Scandinavian standards	Designation
ST2901	Fail secure function 24 V DC, including bolt contact, barrier contact and 5 m cable.
ST2901-12	Fail secure function 12 V DC, including bolt contact, barrier contact and 5 m cable.

- Corrosion: Grade M per EN 14846.
- Security: Grade 7 per EN 14846.
- Security electrical manipulation: Grade 3 (fail secure) per EN 14846.
- Approved fire resistance class E/EI 60.
- Microswitch unipolar changeover, max. 30 V DC, 1 A.
- Built-in detection indication that the door is closed/open (bolt contact) and locked/unlocked (barrier contact) for connection to access control systems, alarm system, etc.
- Break resistance 12 kN (\approx 1200 kg).
- Ensures opening despite preload up to 5 kN (\approx 500 kg).
- Anti-hammer secured.
- Built-in protective diode.
- Rotating cam in hardened steel, lock cases and faceplate in stainless steel.
- Including 5 metre connection cable.

STEP's unique Preload technology

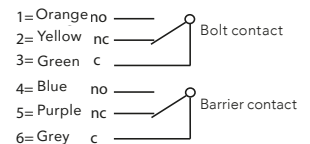
A common problem is that a door is subjected to pressure, for example, because the door is a little skew or that gravel or snow has gathered at the doorstep. STEP 29 Silent is equipped with STEP's unique Preload technology that allows the door to unlock, even if subjected to pressures of up to 500 kg.

- **Seals and pressure differences** – The Preload function enables the door to always be unlocked even when the door lock is tensioned against the electric strike.
- **Door automation** – The Preload function combined with rapid unlocking means that the door opens quickly and without risk of becoming stuck.
- **Evacuation door** – The Preload function ensures that a fire alarm can release the lock, despite pressure against the door by crowds, seals, pressure differences or warped doors.

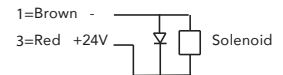


Dimensional drawing STEP 29 Silent.

6 pin contact



3 pin contact



Wiring diagram with bolt contact.



STEP 29 Silent can accept protruding latch bolts of up to 20 mm.