

Electric Strike from effeff



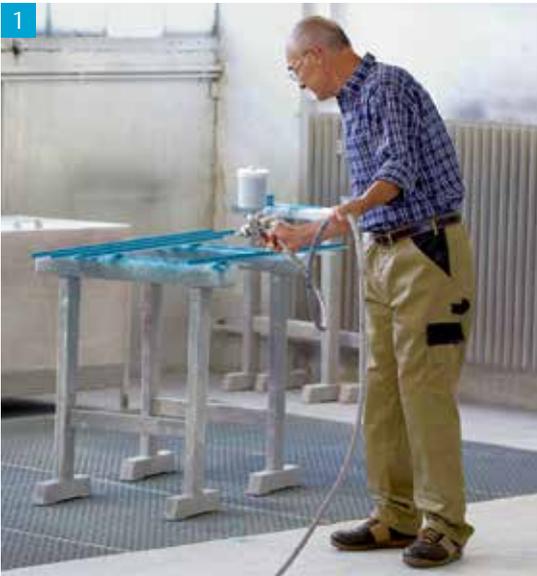
ATEX electric strikes


ASSA ABLOY

Electric strikes for special uses and security applications

Experience a safer
and more open world

The ATEX electric strike helps you stay on the safe side, even in hazardous conditions



1 In paint workshops and in carpentry and joiner enterprises

If you need an electric strike for fire doors in explosive atmospheres, we have the right system solution for you: effeff's new ATEX electric strikes.

2 In research laboratories and the chemical industry



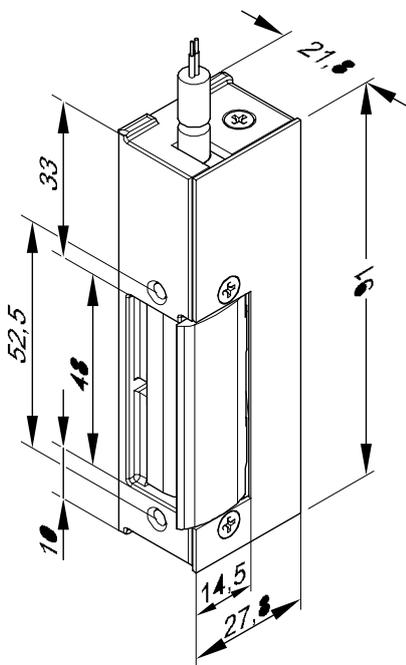
3 In industrial bakeries and the animal feed industry



ATEX electric strikes

EX 34, EX 342

EX 34, EX 342



Order nr.
(15-digits)

Approvals

ATEX:  II 2GD Ex ib IIB
Approval no.: TPS 07 ATEX 1 273 X

Uses

The fail-unlocked electric strikes in the EX34 und EX342 ranges are devices in equipment group II in category 2GD for use according to regulations in explosive atmospheres in zones 1, 2, 21 and 22 in gas group IIB (Directive 94/9/EC) as well as dust atmospheres with ignition energy >3 mJ.

Technical Data

Operating voltage	15 V DC
Rated current consumption	95 mA
Operating temperature range	-20 to +50 °C = T4
Temperature classes	-20 to +40 °C = T5
Length of connecting cable	6 m
Installation position	Vertical, horizontal
Resistance to forced entry	EX342: 10 000 N EX34: 6 500 N
Dimensions	H91 B21,8 T27,8

Power supply

The door strike must only be operated using the following power supply unit:
Stahl: model 9143/10-156-160-20S
effeff item no.: EX1003-15----00

Set the power supply output voltage to 15 V.

Pneumatic version

The electric strike described is also available in a pneumatic version.

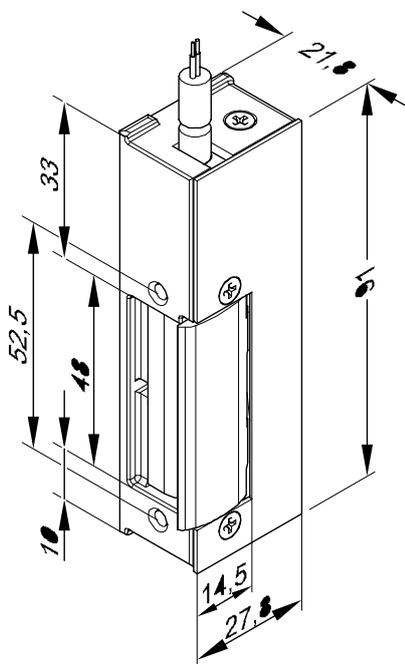
Suitable for all standard effeff striking plates.

DIN direction		DIN direction	
Left-hand	4	Left-hand	4
Right-hand	5	Right-hand	5
Voltage		Voltage	
15 V DC	Z9	15 V DC	Z9
Order nr.		Order nr.	
EX34-----	** *	EX342-----	** *

ATEX electric strikes

EX 14, EX 142

EX 14, EX 142



Order nr.
(15-digits)

Approvals

ATEX:  II 2GD Ex ib IIB
Approval no.: TPS 07 ATEX 1 273 X
EX142 is certified for use in fire doors.

Uses

The fail-locked electric strikes in the EX14 und EX142 ranges are devices in equipment group II in category 2GD for use according to regulations in explosive atmospheres in zones 1, 2, 21 and 22 in gas group IIB (Directive 94/9/EC) as well as dust atmospheres with ignition energy >3 mJ.

Technical data

Operating voltage	15 V DC
Rated current consumption	95 mA
Operating temperature range	-20 to +50 °C = T4
Temperature classes	-20 to +40 °C = T5
Length of connecting cable	6 m
Installation position	vertical
Resistance to forced entry	EX142: 10 000 N EX14: 6 500 N
Dimensions	H91 B21,8 T27,8

Power supply

The electric strike must only be operated using the following power supply unit:
Stahl: model 9143/10-156-160-20S
effeff item no.: EX1003-15----00

Set the power supply output voltage to 15 V.

Pneumatic version

The electric strike described is also available in a pneumatic version.

Suitable for all standard effeff striking plates.

DIN direction		DIN direction	
Left-hand	4	Left-hand	4
Right-hand	5	Right-hand	5
Voltage		Voltage	
15 V DC	Z3	15 V DC	Z3
Order nr.		Order nr.	
EX14-----	** *	EX142-----	** *

Installation instructions

Safety instructions

(the operator is responsible for meeting the following operating conditions)

Hazards



Explosion due to potential sources of ignition:

1. Due to formation of sparks on latch bolt and electric strike bolt: inappropriate material combinations can generate sparks on latch bolts and electric strike bolts. Only use locks which are made of a material which does not cause sparks.
2. Due to electrostatic discharges: ensure the electric strike is earthed.
3. Due to the power supply: only operate the electric strike using the EX-i power supply unit model 9143/10-156-160-20S made by Stahl.
effeff item no.: EX1003-15----00.



Explosion in dust atmospheres:

Only use electric strikes in dust atmospheres with an ignition energy >3 mJ.

Power supply

The electric strike must only be operated using the following power supply unit:

Stahl: model 9143/10-156-160-20S.

effeff item no.: EX1003-15----00.

Set the power supply output voltage to 15 V.

Hazards



Installation

Explosion due to mechanically generated sparks:

1. Electric sparks may be generated during installation, particularly when tasks such as cutting, grinding, drilling and filing are being carried out. Install and fit the electric strike in non-explosive atmospheres only.
2. All components made of aluminium must be encased after they are fitted, so they are no longer accessible.



Explosion due to mechanically generated sparks:

Sparks may possibly be generated during maintenance and servicing. Carry out maintenance and care tasks on the electric strike in non-explosive atmospheres only.

Maintenance and care

You must maintain and look after your electric strike on a regular basis.

Establish an adequate maintenance interval in accordance with operational demands and dust exposure.

Maintenance must include:

- Checking to ensure correct functioning
- Cleaning the whole electric strike with a damp cloth
- Removing dust deposits

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

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Opening Solutions

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