Electric strikes from effeff

Electric strike for rail vehicles model 143.100 and 3405S

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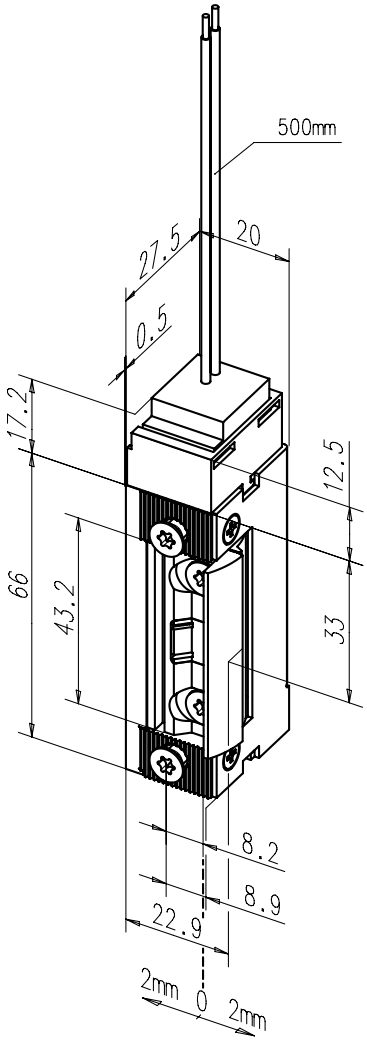
ASSA ABLOY

Electric strike for high demands

Experience a safer and more open world

Fail-locked 143.100
Technical attributes



effeff electric strike for rail vehicles 143.100

Model 143.100 is based on the fire protection door strike model 143.
Highest pre-load features are required for tight-closing cabin doors and train driver's cabine. Model 143.100
fulfils this requirement and achieves pre-load values up to 1000N (corresponds to approx. 100kg). This model is equipped with 50cm long special connecting cables FLAMEX 20 EN 50306-1X1.0 –M.

The advantages at a glance

- Pre-load feature in DC operation 1000 N
- Resistance against break-in 8000N
- 4mm FaFix adjustment in 0.5mm grids
- Universal voltage 12-24V AC/DC
- Connecting cable 50 cm long, grouted with the connection block
- Connection block repluggable
- Fulfils the EMV Directive 2004/108/EWG

Electrical data	12 /24V AC/DC
Rated resistance	high omic
Max. latch preload AC (stabilised)	1000 N
Max. latch preload DC (stabilised)	1000 N
Rated current consumption 12 V DC	125 mA (450mA start current consumption)
Rated current consumption 24 V DC	68 mA

Characteristics	
Changeable connection	•
Adjustable latch (FF, FaFix®)	•
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•

DIN direction	
left	4
right	5

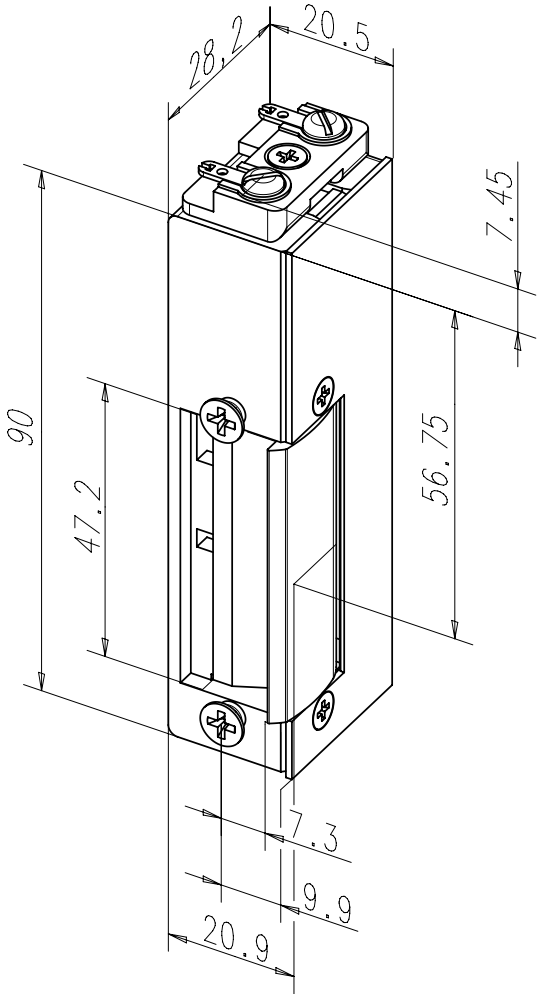
Voltage	
12/24 V AC/DC eE	Q3

Order no.	
143.100-----	* * *

Technical attributes	
Break-in resistance	8000 N
Height	79 mm
Width	22 mm
Depth	28 mm
FaFix® adjustment range	4 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Continuous function load cycles	200,000
Load cycles for in-plant test	500,000
Installation position	vertical / horizontal
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-unlocked 3405S

Technical attributes



effeff electric strike for rail vehicles 3405S

Model with recovery diode for use in sliding doors in rail vehicles. The keeper is treated with a special hardening process to manage this high number of load changes.

The advantages at a glance

- Wear-resistant keeper
- High-strength latch bolt axle
- Resistance against break-in 6500N
- Operating temperature range -50 to +60 degrees Celsius
- 750 000 cycles of long life fatigue strength

Electrical data	12 V DC	24 V DC
Rated resistance	61 Ω	230 Ω
Current consumption DC (stabilised)	195 mA	105 mA
Max. latch preload DC (stabilised)	10 N	10 N

Characteristics	
Adjustable latch (FF, FaFix®)	
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	
Fail-unlocked	•
Hold-open function	

Technical attributes	
Break-in resistance	6500 N
Height	104 mm
Width	20,5 mm
Depth	28,2 mm
Operating temperature range	-50 °C to +60 °C
Installation position	vertical / horizontal
Material housing	Die-cast zinc
Latch material	Steel precision-casting

DIN direction	
left	4
right	5

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
3405S-------	* * *

When ordering please indicate:
version 73

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