



ELECTRIC STRIKES

Basic, Smoke, Fire, TV 5xx
ANSI ES Series

Data and features

	Electric Strikes Series	Basic	Lucky Basic 448	Basic-Safe	Basic-Radius	Basic-Radius Safe	DES 72x	DES 731	Basic-Small	Smoke	Lucky Smoke 448	Fire 447	Lucky Fire 448	DES 300	DES 400
Standard doors		●	●	●	●	●	●	●	—	—	—	—	—	—	—
Doors with thermal-break profiles		—	—	—	—	—	—	—	●	—	—	—	—	—	—
Smoke protection doors		—	—	—	—	—	—	—	—	●	●	●	●	—	—
Fire protection doors		—	—	—	—	—	—	—	—	—	—	●	●	—	—
Symmetrical housing		●	●	●	●	●	—	—	—	●	●	●	●	●	●
Asymmetrical housing		—	—	—	—	—	●	●	●	—	—	—	—	—	—
Non-handed		●	●	●	●	●	●	●	—	●	●	●	●	●	●
Radius latch		—	—	—	●	●	—	—	—	—	—	—	—	—	—
Fail-safe model		—	—	●	—	●	—	●	—	—	—	—	—	—	—
Fail-secure model		●	●	—	●	—	●	—	●	●	●	●	●	—	—
Fail-Safe/Fail-secure switchable		—	—	—	—	—	—	—	—	—	—	—	—	●	●
Unlocking function (E)		●	—	—	●	—	—	—	●	—	—	—	—	—	—
Holding function (A)		●	—	—	●	—	—	—	—	—	—	—	—	—	—
monitor contact (RR)		●	●	●	●	●	●	●	—	●	●	●	●	●	●
Latch guide Easy Adapt		○	●	○	—	—	—	—	—	○	●	○	●	—	—
Anti-tamper contact		—	—	—	—	—	—	—	—	—	—	—	—	—	●

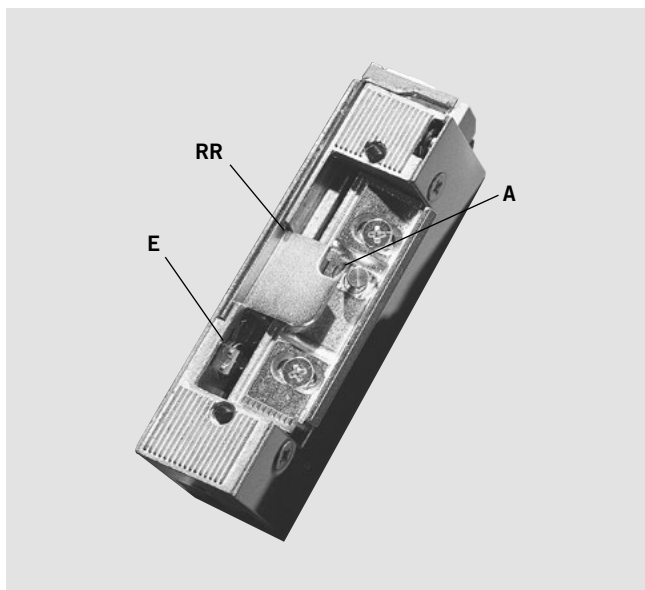
● = yes — = no ○ = option

In emergency and escape routes the DORMA TV5xx door locking mechanism must be used as an “electric strike”.
(See pages 20).

Electric Strikes		Voltage	Current	Resistance	ED
Basic, Basic-R, Smoke, Fire 447	6-12 V	6 V AC 6 V DC 12 V AC 12 V DC	0.65 A 0.80 A 1.35 A 1.53 A	6.5 Ω	
Basic, Basic-R, Smoke, Fire 447	12 V AC	12 V AC	0.44 A	18.0 Ω	
Basic, Basic-Safe , Basic-R, Basic-R Safe, Smoke, Fire 447	12 V DC	12 V DC	0.22 A	51.0 Ω	100 %
Basic, Basic-Safe, Basic-R, Basic-R Safe, Smoke, Fire 447	24 V DC	24 V DC	0.13 A	170.0 Ω	100 %
Basic, Smoke, Fire 448	12-24 V DC	12 V DC 24 V DC	0.24 A 0.18 A		100 % 100 %
Lucky Strike					
Basic-Small	6-12 V	6 V AC 6 V DC 12 V AC 12 V DC	0.70 A 0.76 A 1.40 A 1.50 A	7.5 Ω	
DES 700	12/24 V DC	12 V DC 24 V DC	0.20 A 0.21 A		100 % 100 %
DES 300, DES 400	12/24 V DC	12 V DC 24 V DC	0.20 A 0.10 A		100 % 100 %

The specifications for the alternating voltage (AC) are for a frequency of 50 Hz.

The pure ohmic resistance of the coil is stated.

**A = Holding function**

If the electric strike lever handle is activated momentarily, the mechanism in the electric strike responds, releasing the strike until after the door has been opened. Once-off entry is possible.

E = Unlocking

A small lever switches the electric strike off. The door is fully accessible without any signalling from the electric strike.

RR = monitor contact

A floating contact supplies "Door open" / "Door closed" status signals.

**Function Lucky Strike**

In addition to the standard product advantages indicated above, DORMA electric strikes featuring the Lucky Strike Module also offer the following:

- Switch-off of audible signal tone on activation
- Effective unlocking and release under pre-load
- 100% duty factor
- Multi-voltage capability: 12-24 V DC
- With the additional GL rectifier module, Lucky Strike units can also be operated with 12-24 V AC

Lucky Basic (standard-duty model)

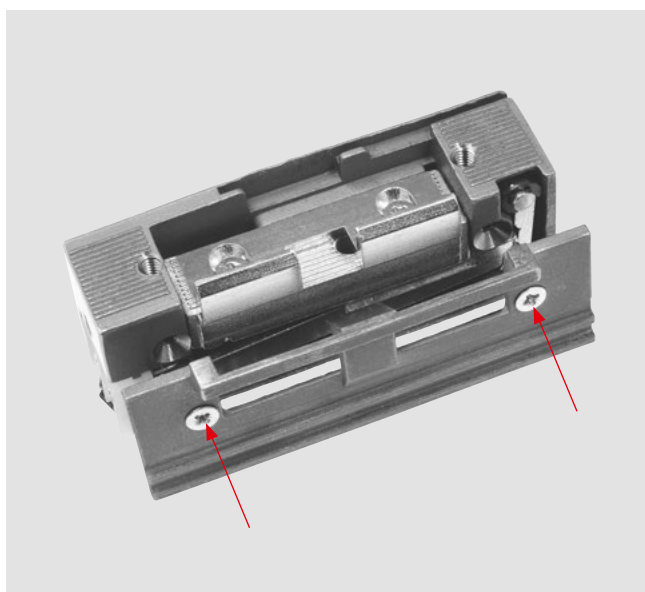
- Available as a fail-secure unit

Lucky Smoke (smoke-rated model)

- Certificate of approval as a reversible smoke-rated unit

Lucky Fire (fi re-rated model)

- Certificate of approval as a reversible fire-rated unit

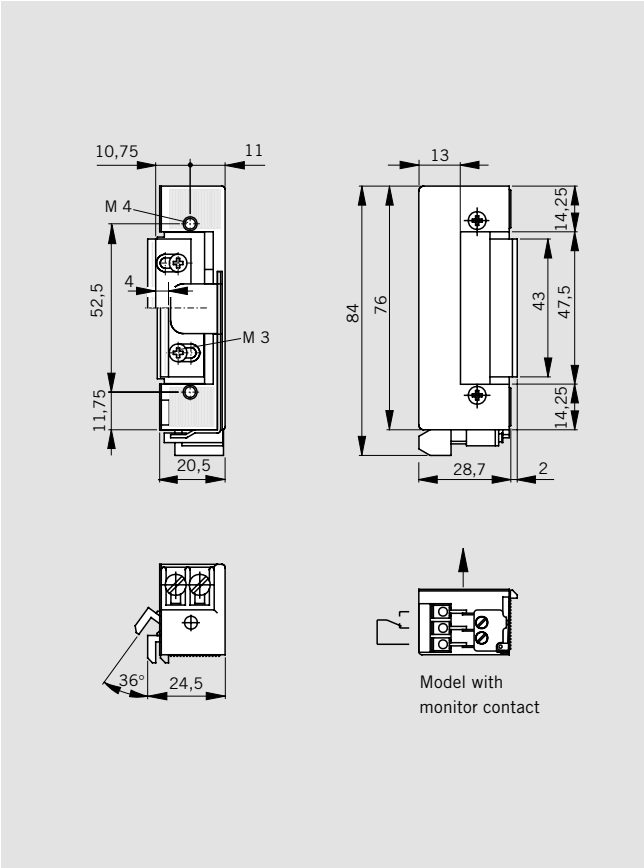
**Easy Adapt**

The Easy Adapt is a casing cover with a latch guide/keeper for electric strikes of the series Basic, Basic-Safe, Smoke and Fire 447/448. The cover is designed so that the lock latch is ideally guided and located without any danger of it becoming jammed. The Easy Adapt simply replaces the standard casing cover.

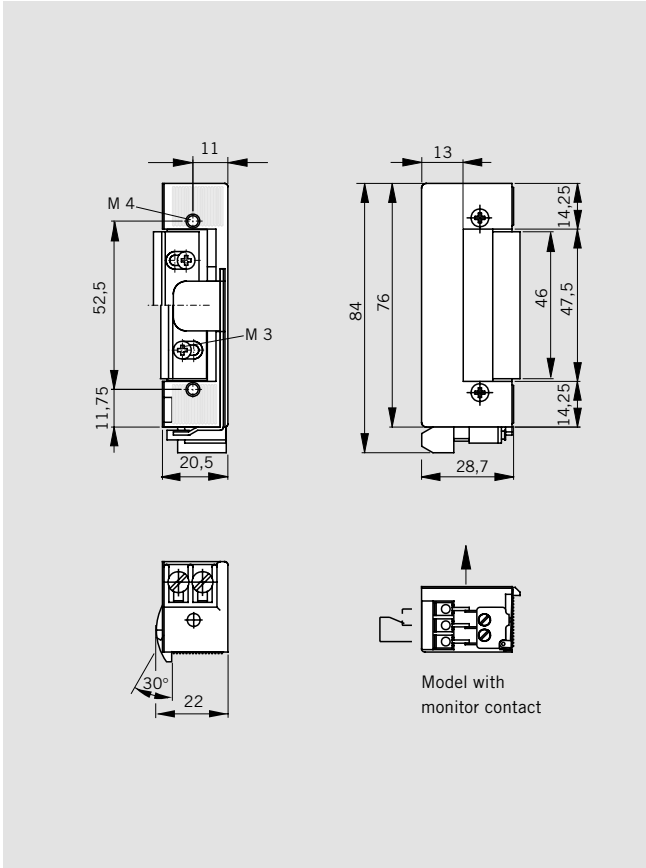
In the case of the Lucky Basic, Lucky Smoke and Lucky Fire 447/448 units, the Easy Adapt cover is part of the standard equipment.

Thanks to the Easy Adapt concept, there is no need for disruptive recesses in the door frame for the electric strike latch, so the door seal is left unbroken.

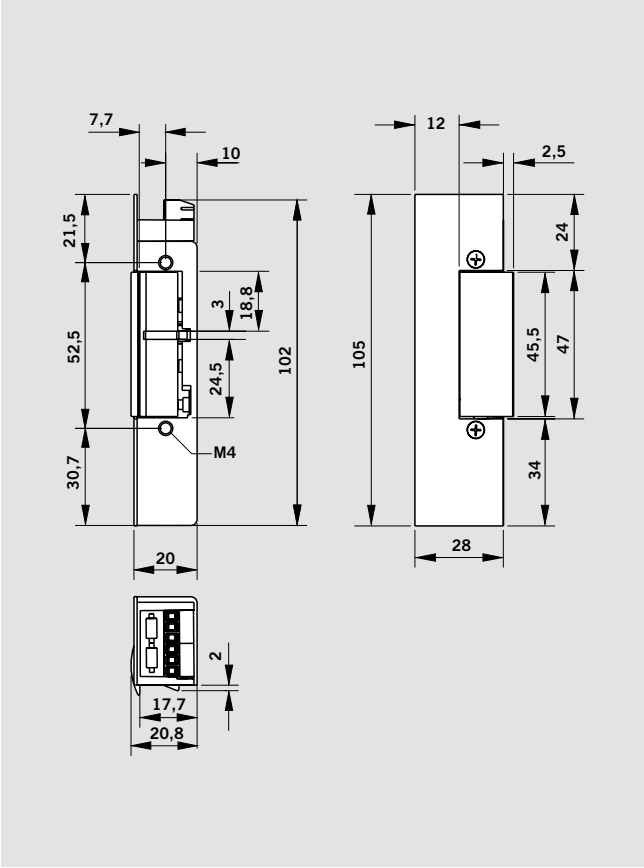
Basic / **Basic-Safe** / Smoke



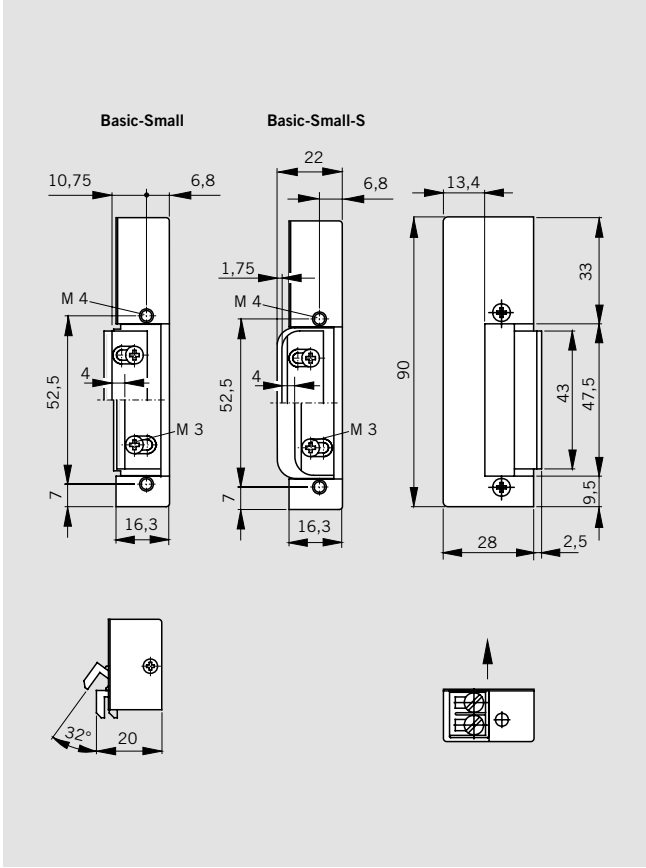
Basic-Radius / Basic-Radius Safe



DES 7xx



Basic-Small / Basic-Small-S



STANDARD ELECTRIC STRIKES

Series	Voltage	Unlocking function (E)	Holding function (A)	Monitor contact (RR)	Easy Adapt	Type	Order No.
Basic	6–12 V AC/DC	–	–	–	–		15117106
		●	–	–	–	E	15117206
		–	●	–	–	A	15117306
		●	●	–	–	AE	15117406
		–	–	●	–	RR	15117506
		●	–	●	–	E-RR	15117606
		–	●	●	–	A-RR	15117706
		●	●	●	–	AE-RR	15117806
	12 V AC	–	–	●	–		15117111
		●	–	–	–	E	15117211
	12 V DC 100% ED	–	–	●	–		15117112
		●	–	–	–	E	15117212
		–	●	–	–	A	15117312
		●	●	–	–	AE	15117412
		–	–	●	–	RR	15117512
		●	–	●	–	E-RR	15117612
		–	●	●	–	A-RR	15117712
		●	●	●	–	AE-RR	15117812
	24 V DC 100% ED	–	–	●	–		15117124
		●	–	–	–	E	15117224
		–	●	–	–	A	15117324
		●	●	–	–	AE	15117424
		–	–	●	–	RR	15117524
		●	–	●	–	E-RR	15117624
		–	●	●	–	A-RR	15117724
		●	●	●	–	AE-RR	15117824
Basic 448 Lucky Strike	12–24 V DC 100% ED	–	–	●	–		15117148
		–	–	●	–	RR	15117548
		–	–	●	●		15117147
		–	–	●	●	RR	15117547
Basic 448 Lucky Strike incl. GL-Module	12–24 V AC/DC 100% ED	–	–	●	–		15117144
		–	–	●	–	RR	15117544
		–	–	●	●		15117143
		–	–	●	●	RR	15117543
Basic-Safe	12 V DC 100% ED	–	–	●	–		15137112
		–	–	●	–	RR	15137512
	24 V DC 100% ED	–	–	●	–		15137124
		–	–	●	–	RR	15137524

Contact rating: max. 48 V, 1 A (RR model)

● = yes – = no

Specification text

Electric strike with adjustable latch, for over-rebated and flush-closing doors, non-handed.

Model: Basic

Fail-secure

- ☐ 6–12 V AC/DC
- ☐ 12 V AC
- ☐ 12 V DC
- ☐ 24 V DC
- ☐ Lucky Strike 12–24 V DC
- ☐ Lucky Strike 12–24 V AC/DC incl. GL-Module

- ☐ with holding function
- ☐ with unlocking function
- ☐ with monitor contact

Model: Basic-Safe

Fail-Safe

- ☐ 12 V DC
- ☐ 24 V DC
- ☐ with monitor contact

Accessories

(to be ordered separately)

Easy Adapt
(see page 30)
Stainless steel strike plate
(see page 13)
Lucky Strike Platine
(see page 30)

ELECTRIC STRIKES WITH RADIUS LATCH

Series	Voltage		Unlocking function (E)	Holding function (A)	Monitor contact (RR)	Easy Adapt	Type	Order No.
Basic-Radius	Fail-secure	6–12 V AC/DC	–	–	–	–		15111106
			●	–	–	–	E	15111206
			–	●	–	–	A	15111306
			●	●	–	–	AE	15111406
			–	–	●	–	RR	15111506
		12 V DC 100% ED	–	–	–	–		15111112
			–	–	●	–	RR	15111512
			–	–	–	–		15111124
			–	–	●	–	RR	15111524
			Basic-Radius Safe	Fail-Safe	12 V DC	–	–	–
100% ED	–	–			●	–	RR	15131512
24 V DC	–	–			–	–		15131124
100% ED	–	–			●	–	RR	15131524

Contact rating: max. 48 V, 1 A (RR model)

● = yes – = no

Specification text

Electric strike with adjustable latch, for over-rebated and flush-closing doors, non-handed.

Model: Basic-Radius

Fail-secure

- ☐ 6–12 V AC/DC
- ☐ 12 V DC
- ☐ 24 V DC

- ☐ with holding function
- ☐ with unlocking function
- ☐ with monitor contact

Model: Basic-Radius Safe

Fail-Safe

- ☐ 12 V DC
- ☐ 24 V DC

- ☐ with monitor contact

Accessories

(to be ordered separately)

Stainless steel strike plate
(see page 13)



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