

Hartte SF-series



Certified electric strikes for fire-protection systems from SF-series are applied in fire-doors with classification EI120 according to Resolution CPR 305/2011 and the EU harmonized standard for electric strikes 14846.

SF-series feature symmetric housing and 4 mm adjustment of the latch, which simplify mounting and punching process in fire doors.

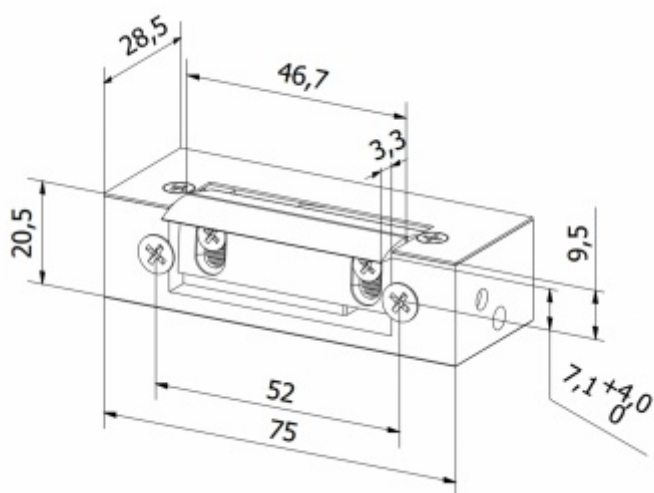
Characteristic:

- fire-rate EI120
- fail-secure (NC normally closed) or fail-safe (NO normally open)
- symmetric housing
- size: width 20,5mm, height 75mm, depth 28,5mm, size of version with door status monitoring: width 20,5mm x height 81,8mm x depth 29mm
- mechanical strength - break-in resistance class 2
- mechanical strength - opening cycles 200.000
- DIN-left and DIN-right doors
- latch adjustable up to 4mm

Models of HARTTE SF line:

- normally closed
- normally open (mounting on additional lock)
- normally closed low consumption

Above models available with door status monitoring (M) and/or varistor (V)



Electric specification

	12AC/DC	12DC	12DC NO	24AC/DC	24DC	24DC NO
Index	SF12U	SF12N	SF12R	SF24U	SF24N	SF24R
Voltage tolerance (V)	10-14	10-14	10-14	AC 21-26 DC 20-26	20-26	20-26
Resistance (Ohm)	21	38	63	130	150	250
Power consumption AC (mA)	400	-	-	130	-	-
Power consumption DC (mA)	570	320	190	180	160	100
Continuously powered (100%ED)	no	no	yes	no	no	yes

Available models

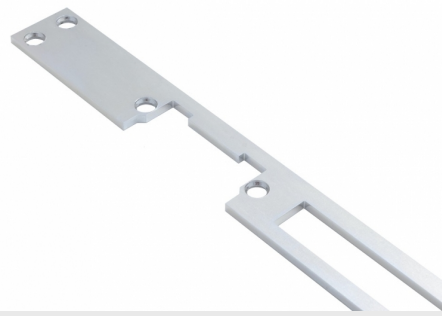
Index	Type	Voltage		Current		Work type		Functions					Housing	Latch
		12V	24V	AC	DC	NC	NO	Mechanical unlocking	Hold- open	Monitoring	Varistor	Strengthen spring	Latch bolt guide	
SF12U	standard	●		●	●	●							symmetric	steel, adjustable
SF12UV	standard	●		●	●	●					●		symmetric	steel, adjustable
SF12N	low-consumption	●			●	●							symmetric	steel, adjustable
SF12NV	low-consumption	●			●	●					●		symmetric	steel, adjustable
SF12R	fail-safed (NO)	●			●		●						symmetric	steel, adjustable
SF12RV	fail-safed (NO)	●			●		●				●		symmetric	steel, adjustable
SF24U	standard		●	●	●	●							symmetric	steel, adjustable
SF24UV	standard		●	●	●	●					●		symmetric	steel, adjustable
SF24N	low-consumption		●		●	●							symmetric	steel, adjustable
SF24NV	low-consumption		●		●	●					●		symmetric	steel, adjustable
SF24R	fail-safed (NO)		●		●		●						symmetric	steel, adjustable
SF24RV	fail-safed (NO)		●		●		●				●		symmetric	steel, adjustable
SF12UM	standard	●		●	●	●				●			symmetric	steel, adjustable
SF12UMV	standard	●		●	●	●				●	●		symmetric	steel, adjustable
SF12NM	low-consumption	●			●	●				●			symmetric	steel, adjustable
SF12NMV	low-consumption	●			●	●				●	●		symmetric	steel, adjustable
SF12RM	fail-safed (NO)	●			●		●			●			symmetric	steel, adjustable
SF12RMV	fail-safed (NO)	●			●		●			●	●		symmetric	steel, adjustable
SF24UM	standard		●	●	●	●				●			symmetric	steel, adjustable
SF24UMV	standard		●	●	●	●				●	●		symmetric	steel, adjustable
SF24NM	low-consumption		●		●	●				●			symmetric	steel, adjustable
SF24NMV	low-consumption		●		●	●				●	●		symmetric	steel, adjustable
SF24RM	fail-safed (NO)		●		●		●			●			symmetric	steel, adjustable
SF24RMV	fail-safed (NO)		●		●		●			●	●		symmetric	steel, adjustable

[Wyjaśnienie funkcji](#)

Matching mounting elements

Flat plates

- made out of different materials: stainless steel, standard steel, anodized aluminum
- polished, plated, galvanized or painted



Angle plates

- made out of steel or stainless steel
- plated, galvanized or painted



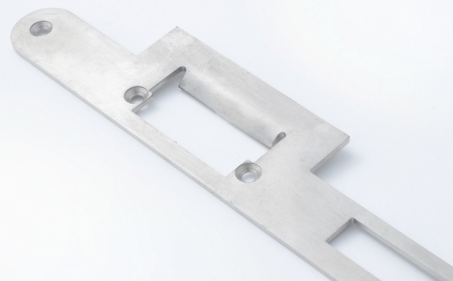
Boxes

- made out of steel
- galvanized or painted
- front or side mounting



Special plates with latch bolt guide securing profile

- made out of steel or stainless steel
- plated, galvanized or painted
- Wykonane ze stali nierdzewnej lub zwykłej ocynkowanej, niklowanej lub lakierowanej



Blachy do wmurowania

Wykonane ze stali zwykłej ocynkowanej, montowane w furtkach

Mounting brackets for order

- striking plates adapted to customer needs