

5E8Z21

Electronic Strike 8-30V AC/DC 5,800N Fail-safe with monitoring

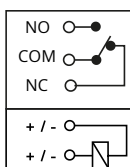


Technical Data

Function	Fail-safe with monitoring
Operation	Fail-safe
Resistance to forced entry	5,800 N
Endurance Rating (Cycles)*	200,000
Operating Temperature*	-25°C to +70°C
Sound Level AC (at 50 cm)	69 dBA
Sound Level DC (at 50 cm)	5 dBA
Door Opening Direction (DIN 107)	DIN R / DIN L
Vertical and Horizontal Installation	Yes
Fixing Distance	52.3 mm
Height (Z)	73.6 mm
Width (X)	17.15 mm
Depth (Y)	28 mm
Keeper Type	Adjustable
Radian Keeper	Internal
Keeper Movement	25°
Keeper Depth	5.5 mm
Keeper Adjustment	2 mm
Suitable for Fire/Smoke Protection Doors	No
Suitable for Outdoor Installation	No

*According to standard EN 14846:2008

Connection Diagram



Electrical Data (at 20°C)

Coil Type	Z
Nominal Voltage	8-30V AC/DC
Tolerance	—
Rated Resistance	8 Ohms
Duty Cycle (%ED)	100% ED
Transient Voltage Suppressor (TVS)	Yes
PCB Firmware Version	inv-z.V.0.0.0
PCB Hardware Version	V.10.2

Product Certificates

Regulations	(UE) 305/2011
Standards	EN 14846:2008
CPR Certificate	—
Low Voltage Directive	2014/35/UE
EMC Directive	2014/30/UE
RoHS Directive	2011/65/UE
REACH Regulation	1907/2006

Consumption (Tables showing relation between Tension (Vin), Consumption (A) and Preload Force (N)*)

Alternating Consumption (AC)

Vin (AC)	Initial				Holding *C2(A)
	*P0 (A)	*C1 (A)	DIN L (N)	DIN R (N)	
6	—	—	—	—	—
8	0.92	0.49	—	—	0.47
9	—	—	—	—	—
10	—	—	—	—	—
12	1.26	0.63	—	—	0.2
14	—	—	—	—	—
16	—	—	—	—	—
22	—	—	—	—	—
24	1.32	0.25	—	—	0.13
28	—	—	—	—	—
30	1.38	0.39	—	—	0.19

Direct Consumption (DC)

Vin (DC)	Initial				Holding *C2(A)
	*P0(A)	*C1(A)	DIN L (N)	DIN R (N)	
6	—	—	—	—	—
8	0.7	0.28	—	—	0.17
9	—	—	—	—	—
10	—	—	—	—	—
12	0.84	0.24	—	—	0.15
14	—	—	—	—	—
16	—	—	—	—	—
22	—	—	—	—	—
24	1.12	0.09	—	—	0.07
28	—	—	—	—	—
30	1.26	0.09	—	—	0.07

*P0: Peak current *C1: Initial Consumption *C2: Holding Consumption *With preload, the strike processes the opening in under 1 second