5E6Z21

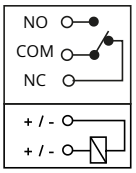
Electronic Strike 8-30V AC/DC 5,800N Fail-secure with monitoring

Technical Data

Function	Fail-secure with monitoring
Operation	Fail-secure
Resistance to forced entry	5,800 N
Endurance Rating (Cycles)*	200,000
Operating Temperature*	-25ºC to +70ºC
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	25º
Keeper Depth	5.5 mm
Keeper Adjustment	2 mm
Suitable for Fire/Smoke Protection Doors	Smoke
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	std-z.V.0.0.0
PCB Hardware Version	V.10.2

Product Certificates

Regulations	(UE) 305/2011
Standards	EN 14846:2008
CPR Certificate	—
Classification	3 C 3 A 0 L 0 0 0
Low Voltage Directive	2014/35/UE
EMC Directive	2014/30/UE
RoHS Directive	2011/65/UE
REACH Regulation	1907/2006
MPA Identifier	DO 22.5

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

Alternating Consumption (AC)

Vin (AC)	Initial				Holding
	*P0 (A)	*C1 (A)	DIN L (N)	DIN R (N)	*C2(A)
6	—	—	—	—	—
8	0.94	0.51	330	600	0.29
9	—	—	—	—	—
10	—	—	—	—	—
12	1.52	0.76	650	650	0.25
14	—	—	—	—	—
16	—	—	—	—	—
22	—	—	—	—	—
24	1.94	0.59	650	650	0.13
28	—	—	—	—	—
30	2.42	0.62	650	650	0.17

Direct Consumption (DC)

Vin (DC)	Initial				Holding
	*P0(A)	*C1(A)	DIN L (N)	DIN R (N)	*C2(A)
6	—	—	—	—	—
8	0.76	0.58	200	600	0.21
9	—	—	—	—	—
10	—	—	—	—	—
12	1.1	0.83	650	650	0.17
14	—	—	—	—	—
16	—	—	—	—	—
22	—	—	—	—	—
24	1.22	0.3	650	650	0.08
28	—	—	—	—	—
30	1.36	0.32	650	650	0.08

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

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