



3E6Z21

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

Technical Data

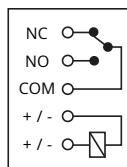
Function	Fail-secure with monitoring
Operation	Fail-secure
Resistance to forced entry	5,800 N
Endurance Rating (Cycles)*	200,000
Operating Temperature*	-25°C to +70°C
Sound Level AC (at 50 cm)	69 dBA
Sound Level DC (at 50 cm)	5 dBA
Latch Spring Force	17-18 N
Door Opening Direction (DIN 107)	DIN R / DIN L
Vertical and Horizontal Installation	Yes
Fixing Distance	52.5 mm
Height (Z)	76.6 mm
Width (X)	21.6 mm
Depth (Y)	28 mm
Keeper Type	Adjustable
Radian Keeper	External
Keeper Movement	34°
Keeper Depth	6.7 mm
Keeper Adjustment	3 mm
Suitable for Fire/Smoke Protection Doors	Smoke
Suitable for Outdoor Installation	No

*According to standard EN 14846:2008

Product Certificates

Regulations	(UE) 305/2011
Standards	EN 14846:2008
CPR Certificate	0432-CPR-00454-05
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

Connection Diagram



Electrical Data (at 20°C)

Coil Type	Z
Nominal Voltage	8-30V AC/DC
Rated Operational Voltage 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

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

Alternating Current (AC)

Vin (AC)	Initial				Holding
	*P0(A)	*C1(A)	DIN L (N)	DIN R (N)	*C2(A)
6	—	—	—	—	—
8	0.94	0.51	150	200	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 Current (DC)

Vin (DC)	Initial				Holding
	*P0(A)	*C1(A)	DIN L (N)	DIN R (N)	*C2(A)
6	—	—	—	—	—
8	0.76	0.58	300	150	0.21
9	—	—	—	—	—
10	—	—	—	—	—
12	1.1	0.83	650	450	0.17
14	—	—	—	—	—
16	—	—	—	—	—
22	—	—	—	—	—
24	1.22	0.3	650	450	0.08
28	—	—	—	—	—
30	1.36	0.32	650	500	0.08

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

