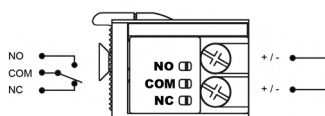




Connection Scheme



Electrical Data

Coil type	Z
Electrical in formation	8-30V AC/DC
Rated resistance	8 Ohms
Duty cycle (%ED)	100%ED (8-30V AC/DC)
Transient voltage suppressor (Tvs)	Yes

Current Consumption

AC (Initial)

8V AC	0,494 A
9V AC	—
10V AC	—
12V AC	0,6 26 A
14V AC	—
16V AC	—
22V AC	—
24V AC	0,2 46 A
28V AC	—
30V AC	0,391 A

AC (Maintenance)

8V AC	0,470 A
9V AC	—
10V AC	—
12V AC	0,20 1 A
14V AC	—
16V AC	—
22V AC	—
24V AC	0,126 A
28V AC	—
30V AC	0,185 A

5EM8Z21 Technical Data

Function	Fail-safe with monitoring
Resistance to forced entry	10.000N
Endurance rating (Cycles)	200.000
Operating temperature	-25°C to +70°C
SOUND AC (dB A from 50 cm distance)	65 dB
SOUND DC (dB A from 50 cm distance)	5 dB
DIN 107	DIN R / DIN L
Vertical/Horizontal installation	Yes
Fixing distance	52,30 mm
Height (Z)	73,60 mm
Width (X)	17,15 mm
Depth (Y)	28 mm
Keeper	Adjustable
Radian keeper	Intern
Keeper movement	25°
Keeper's depth	6 mm
Keeper's adjustability	2 mm
Suitable for fire/smoke protection doors	No

Mechanical Data

Maximum side-load on AC	—
Maximum side-load on DC	—
(Stabilized)	—

Product Certificate

Regulations	(UE) 305/2011
Standards	EN 14846:2008
CPR certificate	—
Classification	
Low voltage directive	20 14/35/UE
(CEM) Directive	20 14/30/UE
RoHS Directive	20 11/65/UE
REACH regulation	1907/2006