



SOLID STRENGTH WITH DELICATE EASE
GEZE SLIMDRIVE SL NT SLIDING DOOR SYSTEMS

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Drive system for automatic linear sliding doors using the latest technology

Facades with slim post-rail structures seem even lighter and more inviting, and they discreetly and easily blend in with the building architecture. The new automatic sliding door system GEZE Slimdrive SL NT is idea – particularly in glass facades where large door leaves have to be moved and all components have to appear slim and delicate.

With its low drive height of only 7 cm, the Slimdrive SL NT can be integrated almost invisibly in the facade and moves door leaf weights of up to 125 kg. The new running rail makes mounting directly on the wall, facade or on cantilevered carriers easier. A new roller carriage has further optimised leaf adjustment. The standard self-cleaning roller guarantees smooth running and increases the roller carriage service life. An additional supporting roller increases steadiness.



- 1 = Transformer
- 2 = Locking
- 3 = Roller carriage
- 4 = Control
- 5 = Battery
- 6 = Motor

Drive components

Technical data	SL NT	SL NT-FR
Transformer	Ring core with fuse and main switch	
Voltage	230 V	
Frequency	50 – 60 Hz	
Capacity rating	150 W	
Locking	Toothed belt locking, electromagnetic, bi-stable	
Roller carriage		
Door leaf adjustment vertical	10 mm	
Door leaf adjustment horizontal	6 mm	
Anti-tilt protection	fitted as standard	
Self-cleaning	•	•
Control	DCU1	DCU1-2M
With fault memory	•	•
With memory for statistical data	•	•
Software update possible	•	•
Optional bus interface	•	•
Connection for fire alarm system	•	•
Power supply for peripherals	•	•
Programmable inputs	3 pc.	
Programmable outputs	2 pc.	
Battery	NiCd, 24 V, 700 mA	
Motor	Gear motor	Double gear motor
Torque	400 Ncm	

- = YES
- = NOT AVAILABLE

Technical data

Product features	SL NT	SL NT-FR
For 1-leaf door systems	•	•
For 2-leaf door systems	•	•
Height	70 mm	
Depth	190 cm	
Leaf weight (max.) 1-leaf	125 kg	
Leaf weight (max.) 2-leaf	125 kg	
Opening width 1-leaf	700 – 3000 mm	
Opening width 2-leaf	900 – 3000 mm	
Temperature range	-15 – 55 °C	
Enclosure rating	IP 20	
Disconnection from power supply	Main switch in the drive	
Opening speed (max.)	0,8 m/s	
Closing speed (max.)	0,8 m/s	
Hold-open time	0 – 60 S	
Adjustable opening and closing force (max.)	150 N	
Automatic adaptation to traffic flow	•	•
Automatic reversal when an obstacle is detected	•	•
Pharmacy opening	•	•
Lock function	•	-
Vestibule function	•	-
Automatic opening in the event of a power failure	adjustable	fitted as standard
Automatic closing in the event of a power failure	adjustable	not available
Function in the event of a power failure	adjustable for 30 min. / 30 cycles	Open
Automatic opening in the event of a fault	not available	fitted as standard
Approvals	DIN 18650BGR232 DIN EN ISO 13849: Performance Level D	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D AutSchR

• = YES
 - = NOT AVAILABLE

Fitting variations

Fittings	SL NT
ISO-glass fine-framed	•
MONO-glass fine-framed	•
ESG clamping profile	-
All-glass system (GGS)	-
Integrated all-glass system (IGG)	•
Frame leaf (provided by customer)	-
Wooden leaf (provided by customer)	•
Hermetic leaf	-
Fire protection leaf T30 (Hörmann)	-

• = YES
 - = NOT AVAILABLE