

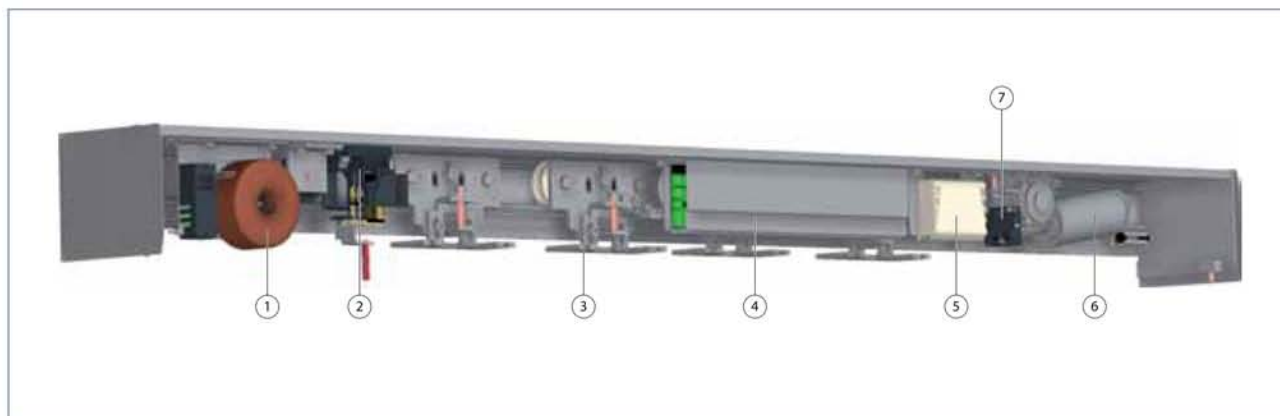
CONVENIENCE AND SAFETY EVEN FOR HEAVY DOORS  
GEZE POWERDRIVE – THE POWERHOUSE

# GEZE POWERDRIVE PL

## GEZE Powerdrive PL

### Drive system for automatic linear sliding doors with large, heavy leaves

The trademarks of the Powerdrive series are convenience and safety even for heavy doors. Large entrances and opening widths combined with high leaves make special demands on door drive technology. And this is exactly where the strengths of the Powerdrive come into their own. Economic and powerful, this drive moves heavy door leaves up to 200 kg (in the emergency exit route version up to 160 kg). Optimum running characteristics and low wear thanks to compatible profiling of the rollers and running rail allows use in areas with a high through-traffic volume.



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

### Drive components

Technical data	PL	PL-FR	PL-HT
<b>Transformer</b>	Ring core with fuse and main switch		
Voltage	230 V		
Frequency	50 – 60 Hz		
Capacity rating	200 W		
<b>Locking</b>	Toothed belt locking, electromagnetic, bi-stable		
<b>Roller carriage</b>			
Door leaf adjustment vertical	12 mm		
Door leaf adjustment horizontal	40 mm		
Anti-tilt protection	fitted as standard		
Self-cleaning	•	•	•
<b>Control</b>	DCU1	DCU1-2M	DCU1
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.		
<b>Battery</b>	NiCd, 24 V, 700 mA		
<b>Motor</b>	Gear motor	Double gear motor	Gear motor
Torque	400 Ncm		

- = YES
- = NOT AVAILABLE

**Technical data**

Product features	PL	PL-FR	PL-HT
For 1-leaf door systems	•	•	•
For 2-leaf door systems	•	•	-
Height	150 / 200 mm		300 mm
Depth	185 mm		
Leaf weight (max.) 1-leaf	200 kg	160 kg	200 kg
Leaf weight (max.) 2-leaf	200 kg	160 kg	
Opening width 1-leaf	700 – 3000 mm		800 – 2500 mm
Opening width 2-leaf	800 – 3000 mm		
Passage height (max.)			2800 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	adjustable
Automatic closing in the event of a power failure	adjustable	not available	adjustable
Function in the event of a power failure	adjustable for 30 min. / 30 cycles	Open	adjustable for 30 min. / 30 cycles
Automatic opening in the event of a fault	not available	fitted as standard	not available
Approvals	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D AutSchR	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D

• = YES  
 - = NOT AVAILABLE

**Fitting variations**

Fittings	PL
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