

- 1 D+H Mechatronic (english)**
- 1.1 DDS Series - Drives**
- 1.1.1 PLP door opener drive - DDS 54/500**

**24 V DC / 1 A / 500 N / 500 mm stroke**

**Performance features:**

Electromotive drive unit can be used for opening single-leaf doors in case of SHEV and for daily ventilation. Equipped with motor electronics controlled via microprocessor. Programmable drive functions and performance features on site via Powerline (PLP) and the D+H software SCS. Opening of the door up to max. 90°, the door remains operable by hand. Special chain stabilisation. Control output for on-site electronic door release pre-installed at the factory. Electronic limit stop and overload cut-off. Mounting on wall or door frame.

**Technical data:**

Operating voltage: 24 V DC /  $\pm 15\%$   
Current consumption: 1 A  
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)  
Force of pressure: 500 N  
Tensile force: 500 N  
Service life: 20000 double strokes  
Stroke length: 500 mm  
OPEN running speed: 11.8 mm/s  
CLOSED running speed: 11.8 mm/s  
Type of protection: IP 32  
Emission sound pressure level:  $L_p A \leq 70 \text{ dB(A)}$   
Temperature range: -5 °C till +75 °C \*  
Fire resistance: B300 (30 min / 300 °C)  
Housing: Aluminium  
Surface: Powder-coated  
Colour: White aluminium (~ RAL 9006)  
Connection: 2.5 m silicone cable  
Dimensions (WxHxD): 522 x 40 x 80 mm

\* In accordance with VdS 2580

**Scope of supply:**

Drive unit with 2.5 m silicone connection cable, incl. bracket set, instruction for use

Brand: D+H Mechatronic AG

Type: DDS 54/500

[Planning Support](#)

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**Quantity:** ..... **Stk**    **Preis:** ..... **€**    **TP:** ..... **€**