

**1 D+H Mechatronic (english)****1.1 VLD Series - Drives****1.1.1 Linear lock drive - VLD 51/038****24 V DC / 1 A / 500 N / 38 mm stroke****Performance features:**

Electromotive drive unit for the integrated mounting in the window profile. For operating standard latch pane fittings in the window profile. A connection of D+H window drives with "BRV" message is possible. Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2; and for daily ventilation. Switching current for window drives up to 2.5 A, daisy-chain contacts 60 V / 1 A available e.g. for alarm or drive notifications. Running and locking direction can be set via slide switch. A manual emergency release is possible with a special tool.

**Technical data:**

Operating voltage: 24 V DC /  $\pm 20\%$   
Current consumption: 1 A  
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)  
Contact load capacity: 2.5 A  
Locking force: 500 N  
Breakaway force: 1000 N \*  
Service life: > 10000 cycles  
Locking stroke: 38 mm  
OPEN running speed: 4.2 mm/s  
CLOSED running speed: 4.2 mm/s  
Type of protection: IP 50  
Emission sound pressure level:  $L_p A \leq 70 \text{ dB(A)}$   
Temperature range:  $-15\text{ }^{\circ}\text{C}$  ( $-5\text{ }^{\circ}\text{C}$  \*\*) till  $+75\text{ }^{\circ}\text{C}$   
Fire resistance: B300 (30 min /  $300\text{ }^{\circ}\text{C}$ )  
Housing: V2A stainless steel  
Connection: 2.5 m silicone cable  
Dimensions (WxHxD): 493 x 25 x 25 mm

\* Breakaway force in release position

\*\* In accordance with VdS 2580

**Scope of supply:**

Drive unit with 2.5 m silicone connection cable with plug adapter, fastening materials for integrated or mounted installation, instruction for use

Brand: D+H Mechatronic AG

Type: VLD 51/038

[Planning Support](#)

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