

- 1 **D+H Mechatronic (english)**
- 1.1 **VLD Series - Drives**
- 1.1.1 **BSY+ linear lock drive - VLD-BSY+ - freely configurable**

#### **24 V DC / Special production according to customer requirements**

##### **Performance features:**

Electromotive drive unit for the integrated mounting in the window profile. The drive is equipped with microprocessor-controlled motor and synchronous electronic BSY+ for communication and sequential control in conjunction with D+H BSY+ window opening drives. For operating standard latch pane fittings in the window profile. Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2; and for daily ventilation. Drive functions and performance features are individually programmable via the D+H software SCS. VP signal of connected BSY+ opening actuators must be activated. 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: **on request**  
OPEN running speed: 3.3 mm/s  
OPEN running speed - SHEV: 4.2 mm/s  
CLOSED running speed: 3.3 mm/s  
Type of protection: IP 50  
Emission sound pressure level:  $L_pA \leq 70$  dB(A)  
Temperature range: -15 °C (-5 °C \*\*) till +75 °C  
Fire resistance: B300 (30 min / 300 °C)  
Housing: V2A stainless steel  
Colour: **on request**  
Connection: 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 silicone connection cable with plug adapter, fastening materials for integrated or mounted installation, instruction for use

Brand: D+H Mechatronic AG

Type: VLD-BSY+

***The D+H partner on site is at your disposal for design variants.***

##### [Planning Support](#)

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