

- 1 **D+H Mechatronic (english)**
- 1.1 **VCD Series - PLP drives**
- 1.1.1 **PLP chain drive - VCD 204-PLP - freely configurable**

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

### **Performance features:**

Electromotive drive unit for opening and closing of windows and flaps for daily ventilation. The drive is equipped with motor electronics controlled via microprocessor. Programmable drive functions and performance features via Powerline (PLP) and the D+H software SCS. The drive is equipped with a special chain stabilisation and centred chain outlet. "TMS+" tandem safety function for operating 2 drives on one sash is standard. Alternatively the drive can also be operated with a locking drive. In case of a tandem version learning with magnet will be transmitted to dual drive; Option of chain stroke programming via magnet. Cut-off force in CLOSED-direction is electronically reduced to 150 N at the factory. Electronic limit stop and overload cut-off is integrated. Connection of the drives via connector.

### **Technical data:**

Operating voltage: 24 V DC /  $\pm 20\%$   
Current consumption: 0.35 A  
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)  
Force of pressure: 200 N  
Tensile force: 200 N  
Nominal locking force \*\*: 2000 N  
Service life: 20000 double strokes \*  
Stroke length: **250 mm / 350 mm**  
OPEN running speed: 6 mm/s  
CLOSED running speed: 6 mm/s  
Type of protection: IP 30  
Emission sound pressure level:  $L_pA \leq 46 \text{ dB(A)}$   
Temperature range: 0 °C till +60 °C  
Drive: Push link chain  
Housing: Die-cast zinc  
Surface: **on request**  
Colour: **on request**  
Connection: PVC-cable  
Dimensions (WxHxD): 480 x 30 x 47 mm

\* For vertical use, please consult with D+H Sales!

\*\* Depending on the mounting

### **Scope of supply:**

Drive unit with PVC connection cable with system plug, instruction for use

Brand: D+H Mechatronic AG

Type: VCD 204-PLP

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

### Planning Support

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