

- 1 D+H Mechatronic (english)**
- 1.1 CDC Series - TMS+ drives**
- 1.1.1 TMS+ chain drive - CDC-0252-0350-1-TMS+ -R**

**24 V DC / 0.6 A / 250 N / 350 mm stroke**

Drive for the integrated, hidden installation in the window profile and for mounted installation. For the convenient motorised opening and closing of windows and flaps. Useable for smoke exhaust (SHEV), D+H Euro SHEV in accordance with EN 12101-2 as well as for natural ventilation. Can be combined with D+H locking drives.

**Performance features:**

Chain drive equipped with microprocessor-controlled motor electronic;  
Tandem safety function "TMS+" (combines TMS- and BRV-signal) for operation of two drives on a single sash;  
Reprogrammed opening stroke is transmitted to the tandem drive;  
Option of chain stroke programming via magnet;  
Electronic limit stop and overload cut-off;  
Low operating noises thanks to the innovative acoustic decoupling of the drive components;  
Corrosion protected, hardened steel chain with rigid backing and lifetime lubrication;  
High-speed function (HS) for opening windows especially fast in case of fire (SHEV);  
Drive functions, performance features, force, start of the opening and closing range and stroke via Powerline (PLP) or via D+H software SCS programmable;  
By recognizing an obstacle in CLOSE direction time controlled reversing (active closing edge protection);  
Gasket protection thanks to the automatic relief of pressure on window gasket after a closing process;  
Easy installation thanks to s polarity reversal protection connector system;  
Connection via plug-type connector on the drive motor side;  
Direct triggering of lock drive;  
Direct triggering of end position module;

**Technical data:**

Operating voltage: 24 V DC /  $\pm 15\%$   
Current consumption: 0.6 A  
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)  
Shutdown: Integrated electronic load cut-off  
Design: Right  
Force of pressure: 250 N (note pressure load diagram)  
Tensile force: 250 N  
Nominal locking force \*\*: 1500 N  
Service life: 20000 double strokes \*  
Stroke length: 350 mm /  $\pm 2\%$   
OPEN running speed: 6.7 mm/s  
OPEN running speed-SHEV: 9.4 mm/s  
CLOSED running speed: 5 mm/s  
Type of protection: IP 32  
Emission sound pressure level:  $L_pA \leq 35$  dB(A)  
Temperature range: -15 °C (-5 °C \*\*\*) till +75 °C  
Fire resistance: B300 (30 min / 300 °C)  
Opening mechanic: Maintenance-free, corrosion protected hardened push linked chain with lifetime lubrication  
Housing: Aluminium  
Surface: Powder-coated  
Colour: White aluminium (~ RAL 9006)  
End caps, plug: Plastic, grey (~ RAL 9006)  
Connection: 2.5 m silicone cable

Dimensions (WxHxD): 405 x 30 x 39 mm

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

\*\* Depending on the mounting

\*\*\* In accordance with VdS 2580

**Scope of supply:**

Drive unit with 2.5 m silicone connection cable with system plug, instruction for use

Brand: D+H Mechatronic AG

Type: CDC-0252-0350-1-TMS+ -R

[Planning Support](#)

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