

- 1 D+H Mechatronic (english)**
- 1.1 CDC Series - TMS+ drives**
- 1.1.1 TMS+ chain drive - CDC-0252-0800-1-TMS+ -R**

24 V DC / 1 A / 250 N / 800 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: 1 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: 600 mm / $\pm 2\%$
OPEN running speed: 6.7 mm/s
OPEN running speed-SHEV: 15 mm/s
CLOSED running speed: 5 mm/s - 6.7 mm/s
Type of protection: IP 32
Emission sound pressure level: $L_p A \leq 35$ 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): 635 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-0252-0800-1-TMS+ -R

[Planning Support](#)

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Quantity: Stk **Preis:** € **TP:** €