ACB chain drive - CDC-0252-0800-1-ACB M1-L

24 V DC / 1 A / 250 N / 800 mm Stroke

Electromotive drive unit 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:
Integrated, freely programmable electronic shut-down device to prevent a defect in the event of an overload on the window or drive.
Integrated Advanced Communication Bus interface (ACB) with open Modbus RTU protocol.
The drive is integrated directly via open BUS communication through the ACB (Advanced Communication Bus), e.g. in a building management system (building automation).
Low operating noises thanks to the innovative acoustic decoupling of the drive components.
High-precise motor- and synchron electronic for parallel run for up to 8 drives.
Corrosion-protected, hardened, rigid backing steel chain, maintenance free by lifetime lubrication.
High-speed function (HS) for especially fast opening windows in case of fire (SHEV).
Various adjustable drive parameters (stroke, force, speed).
Gasket protection thanks to the automatic relief of pressure on window gasket after a closing process.
Low wiring effort with an option of looping in up to 3 drives.
Easy installation thanks to polarity reversal protection connector system.
Connection from either the left or the right side is possible (supply includes BUS signals).
Individual parameterising via D+H software SCS. Secure SHEV-Bus communication via an encrypted data transfer between D+H Mechatronic AG control panels and drives.
Directly controlling the drive using the ACB is possible.
The drive is set to the pole change operation at the factory by default.
Control with perfect positioning and feedback including information about the CURRENT position.
The general status of the drive, such as the total travel path, number of control units, diagnostics and the emergency drive function can be evaluated.
Electromotive drive unit for the mounted installation.

Technical data:
Supply: 24 V DC / ±15 % / 1 A
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)
Cut-off: Integrated electronic load cut-off
Configuration: Main 1
Design: Left
Force of pressure: 250 N
Tensile force: 250 N
Nominal locking force **: 1500 N
Service life: 20000 double strokes *
Stroke: 800 mm
OPEN running speed: 6.7 mm/s
OPEN running speed - SHEV: 15 mm/s
CLOSED running speed: 6.7 mm/s
Type of protection: IP32
Emission sound pressure level: LpA ≤ 35 dB(A)
Temperature range: -15 °C (-5 °C ***) … +75 °C
Fire resistance: B300 (30 min / 300 °C)
Housing: Aluminium
Surface: Powder-coated
Colour: White aluminium (~ RAL 9006)
Connection: 2.5 m silicone cable
W x H x D : 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
Type: CDC-0252-0800-1-ACB M1-L
Art. No.: 26.102.10

Quantity: ..... psc Price: ..... GBP TP: ..... GBP

Important information:

This product description does not constitute a tender. The responsibility for compliance with public procurement law requirements lies with the tendering planner or architect.

Installation and commissioning in accordance with the manufacturer's instructions.

Subject to technical changes.