



### Louvre window drive - LDx-1400-1-PLP

24 V DC / 1.4 A / 1400 N

#### Performance features:

Drive with Power Line Programming Technology (PLP) for surface mounting at the louvre window profile (LDx-1-PLP).

Flexible field of application by centred spindle nut with adapter for the variable admission of tappet.

For the convenient motorised opening and closing of large and heavy louvre windows.

Useable for smoke exhaust, D+H Euro-SHEV in accordance with DIN EN 12101-2 as well as daily natural ventilation.

The drive is equipped with microprocessor-controlled motor electronic.

Back rotation lock and spindle nut unit with high degree of efficiency.

Stainless steel spindle with specially bearing spindle nut for lowest running noises.

Passive and active anti-trap protection system comes standard and can be set via the D+H software SCS.

Gasket protection thanks to the automatic relief of pressure on window gasket after a closing process.

Drive functions and performance features are individually programmable via the D+H software SCS.

Low operation noises.

Drive in combination with super capacitors to save the energy, in the event of a power outage, the drive automatically opens or closes.

#### Technical data:

Supply: 24 V DC /  $\pm 20\%$  / 1.4 A

Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)

Shutdown: Integrated electronic load cut-off

Force of pressure: 1400 N

Tensile force: 1400 N

Nominal locking force: 5000 N

Service life: > 20000 double strokes

Stroke: 36 mm - 90 mm

OPEN running speed: 2 mm/s

CLOSED running speed: 2 mm/s

Type of protection: IP 40 \*\*

Emission sound pressure level:  $L_{pA} \leq 45$  dB(A)

Temperature range:  $-5\text{ }^{\circ}\text{C} \dots +75\text{ }^{\circ}\text{C}$  \*

Fire resistance: B300 (30 min /  $300\text{ }^{\circ}\text{C}$ )

Housing: Aluminium, silver anodised EV1 (silver)

Surface: Powder-coated

Colour: Special colour according to RAL/DB/NCS

Connection: Silicone cable

W x H x D : 365 x 67 x 38 mm

Weight: 1.2 kg

\* In accordance with VdS 2580

\*\* Optionally available in protection class IP 65 on request

**Scope of supply:**

Louvre window drive, silicone connection cable with clamping connector (length up to max. 10 m), instruction for use

Brand: D+H

Type: LDx-1400-1-PLP

**Art. No.:**

Quantity: ..... pcs    Price: ..... EUR    TP: ..... EUR

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

<https://www.dh-partner.com/int/en/service/planning-support>

**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.