

LDx-1800-1-ACB



Modbus

Performance features

- + Max. force of pressure and tensile force of 1400 N and 1800 N
- + Holding force of 5000 N for very large louvre windows
- + Louvre window drive can be adapted for all common louvre manufacturers (such as EuroLam, Fieger, HAHN, NACO, Schneider + Nölke)
- + Centrally supported driver position
- + Developed based on EN 12101-2
- + Can be used for openings for smoke exhaust and for daily ventilation
- + With BSY+ motor and synchronised electronics controlled via microprocessor
- + With a sound pressure level of $L_pA \leq 45$ dB(A), the drive is among the quietest of its class
- + Corrosion-protected drive components
- + Programmable drive functions and different drive parameters
- + Additional passive and active anti-trap protection system for the main closing edges with reversing function
- + Integrated ACB (Advanced Communication Bus) bus interface with 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

Approvals / Certificates

Details of approval on request.



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Technical data

LDx-1800-1-ACB

Supply	24 V DC / $\pm 20\%$ / 1,6 A
Duty cycle	30 % (ON: 3 min. / OFF: 7 min.)
Force of pressure	1800 N
Tensile force	1800 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	LpA $\leq$ 45 dB(A)
Temperature range	-5 °C ... +75 °C *
Fire resistance	B300 (30 min / 300 °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	1.5 kg
Remark	Variable equipment possible

* In accordance with VdS 2580

** Optionally available in protection class IP 65 on request

Dimensions

All specifications in mm

