



Order designation: JM-DC 2-1000-Stroke-2,9 A Ø 8,1
Example: JM-DC2-1000-500-2,9 A Ø 8,1

Short description

The electric motor drive mounted into a steady aluminum housing is suitable to open the roof flaps and light domes. The SHEV drive can also be implemented for the daily ventilation. The drive complied with the fire test requirements (300 °C - 30 min.) according to DIN EN 12101-2.

The motor opener as a permanent lubricated spindle drive is switched off over the internal end switch. The electronic load disconnection also protects the drive against overload.

ATTENTION!

In the election of the supply line a sufficient wire-cross section must be taken into account. If these instructions are not complied with, the internal electronics may be damaged.

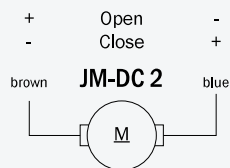
Installation

The connection area of the motor supply line is performed in IP 65. During the mounting of the drive it should be ensured that its end switch can be reached. If upon closure the end switch is not reached, it will move with a force of up to 9000 N into the "Close" end position. The frame or windows can be damaged.

Technical data

connection cable	Ø 6,5/2 x 1 mm ²
load conditions	→chapter 11.3.2, page 339. "Load Conditions JM-DC2-2500-stroke"
rated current	2,9 A/ 69,6 W
operation mode	S3 30 % ED
input voltage	24 V DC +30 %/-20 % residual ripple max. 5 %
colour	aluminum
weight	5,4 kg with a stroke of 1000 mm
stroke	up to 1250 mm
stroke and tensile force	1000 N
stroke speed	905 mm < 60 s
max. force with overload	9000 N
nominal clamping force	3000 N
protection class	IP 65
standard cable length	to 300 mm stroke K = 1900 mm to 500 mm stroke K = 2150 mm to 750 mm stroke K = 2400 mm to 1000 mm stroke K = 2600 mm
ambient temperature	-25 °C to +75 °C/ 110 °C

Special cable length must be indicated as of the head.
K1 = K - stroke - 400 mm



Accessories

pivot support	→chapter 6.2, page 221, "Pivot Support FB 6/8"
hinged block	→chapter 6.2, page 222, "Hinged Block"
bracket	→chapter 6.2, page 231, "Bracket KB 6 for Motor Opener JM-DC 2 and JM-DC 4"

