

Required operating conditions	
Ambient temperature	-15° to +50° C
Only suitable for dry environments	Relative humidity max. 93 %
Power supply	230 V AC 50 Hz +/- 10 % 115 V AC 60 Hz +/- 10 %

General specifications	
Dimensions (W x H x D)	685 x 70 x 130 mm
Min. distance between hinges (double-leaf systems)	1,450 mm
Min. distance between hinges for ESR (double-leaf systems)	1,450 mm
Weight of single-leaf version	12 kg
Power supply for external accessories	24 V DC +/- 10 %, 1.5 A

Parameters	
Opening angle	Max. 110°
Latching action	Adjustable from 7° – 0°
Hold-open time	30 seconds
Hold-open time Blocking behaviour with Night-/Bank Function	Reversing/Door closer function
Locking feedback contact	Motor lock/Electric strike
Working point of wind load control	Total load of max. 50 Nm
Voltage-independent braking circuit	Adjustable via potentiometer
Electronic latching action pulse	Force adjustable

Integrated functions		
LED status indicator	green red yellow	- Operating voltage indicator - Malfunction - Service interval expired
Integrated program switch	OFF AUTOMATIC PERMANENT OPEN EXIT ONLY (OPTIONAL – only for single-leaf systems)	
User interface with information display	Status indicator and parameterisation	
Update interface	Firmware update	
TMP – Temperature Management Program	Temperature-related overload protection	
IDC – Initial Drive Control	Driving phase optimisation	
Cycle counter	0 – 1,000,000 (reasonably subdivided)	

Inputs, terminals max. 1.5 mm ²	
Potential-free activator	Inside and outside
Energised activator	Max. 24 V DC/AC +/- 10%
Night-/Bank (key switch)	Normally open contact
Safety sensor	Opening side and closing side
Test signal for safety sensor	Opening side and closing side
Emergency-Off pushbutton/ Lock switch	Normally closed contact

Outputs, terminals max. 1.5 mm ²	
Potential-free door status contact	Door closed Door open

ED 100	
Power consumption	120 Watts
Closing force EN 1154	EN 2–4, adjustable
Max. door-leaf weight for lintel depths of up to 300 mm	100 kg
Door-leaf width for single-leaf version	700–1,100 mm hinged 770–1,100 mm pivoted*
Door-leaf width for double-leaf version	1,450–2,200 mm hinged 1,590–2,200 mm pivoted*
Max. opening speed	25°/second
Max. closing speed	25°/second
Axle extension	30 mm
Lintel depth for slide channel	+/- 30 mm
Lintel depth for standard arm	0–300 mm

* Based on 70 mm pivot centres.

