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Instructions

Rack drive series ERD-J

Type: Basic

(24 VDC)



Please order bracket sets separately

Safety Notes

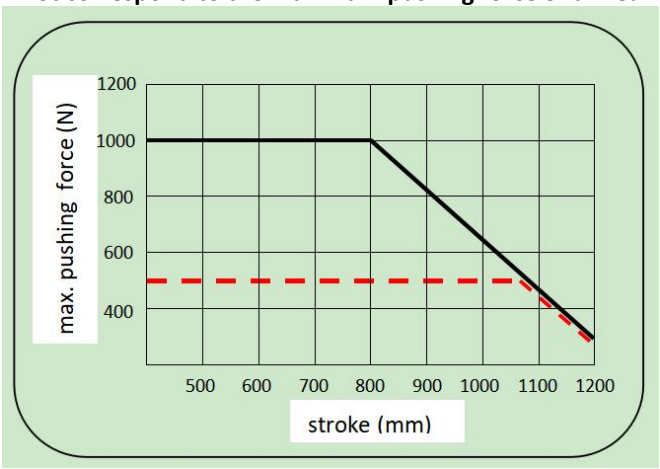
- **Operating voltage 24 VDC! Don't connect directly to grid!**
- Connection must be carried out by authorized electricians.
- It's necessary to ensure that people keep away from the operation area of the drives. Danger of violent pressure in accessible area!
- Use only in dry rooms.

Application area

- For opening and closing of facade and roof windows
- Suitable for smoke and heat ventilation and daily ventilation

Stroke-pushing force diagram

- **Maximum pushing force of rack is dependent on stroke and does not correspond to the maximum pushing force of drive!**



Features

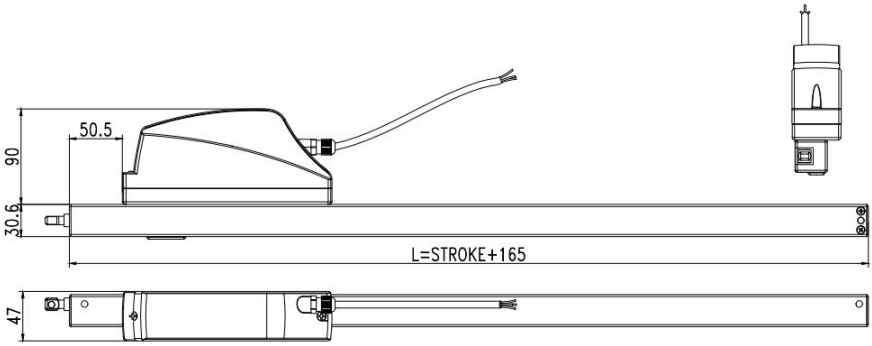
- ✧ Built-in electronic overload cutoff
- ✧ No-load life-cycle 30000, full-load 10000 (double strokes)
- ✧ High clamping force
- ✧ IP65 protection level
- ✧ The rack is carbon steel (stainless steel is available)
- ✧ Aluminium alloy shell with surface anodizing treatment
- ✧ 1.0m wire
- ✧ Optional installations

Technical data

Type	Voltage VDC	Current	Push force	Pull force	Stroke length	No load Speed
ERD 300/350-J	24V	0.8 A	300 N	300 N	350 mm	12 mm/s
ERD 300/600-J	24V	0.8 A	--	--	600 mm	12 mm/s
ERD 300/800-J	24V	0.8 A	--	--	800 mm	12 mm/s
ERD 300/1000-J	24V	0.8 A	--	--	1000 mm	12 mm/s
ERD 500/350-J	24V	1.0 A	500 N	500 N	350 mm	12 mm/s
ERD 500/600-J	24V	1.0 A	--	--	600 mm	12 mm/s
ERD 500/800-J	24V	1.0 A	--	--	800 mm	12 mm/s
ERD 500/1000-J	24V	1.0 A	--	--	1000 mm	12 mm/s
ERD 800/350-J	24V	1.2 A	800 N	800 N	350 mm	12 mm/s
ERD 800/600-J	24V	1.2 A	--	--	600 mm	12 mm/s
ERD 800/800-J	24V	1.2 A	--	--	800 mm	12 mm/s
ERD 800/1000-J	24V	1.2 A	--	--	1000 mm	12 mm/s
ERD 1000/350-J	24V	1.4 A	1000 N	1000 N	350 mm	12 mm/s
ERD 1000/600-J	24V	1.4 A	--	--	600 mm	12 mm/s

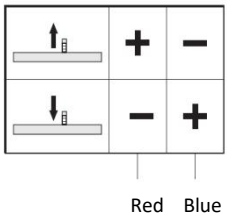
- Voltage: 24 VDC ± 15 %
- Locking force: 1000 N
- Lifecycle: >10000 double strokes
- Protective class: IP65
- Temperature range: -20°C ~ +70°C

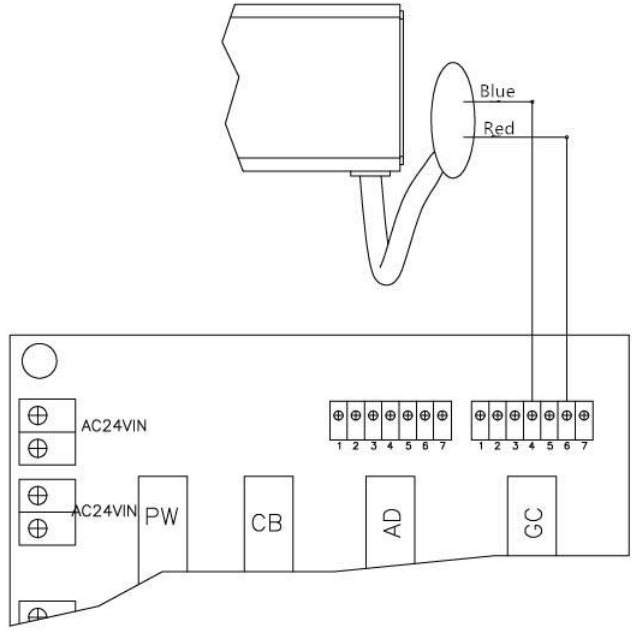
Dimensions of type **ERD**



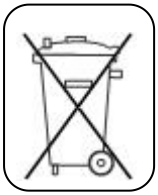
Stroke	Length L
350 mm	515 mm
600 mm	765 mm
800 mm	965 mm
1000 mm	1165 mm

Connection for type ERD-J





Disposal



Electrical equipment, accessories and packaging should be recycled for environment protection!
Don't dispose electrical equipment into household waste!
Only for EU-Countries: According to the European guideline 2002/96/EG about waste electrical and electronic equipment and its implementation into national law, useless electrical and electronic equipment must be separately collected and recycled for environment protection.

Contact

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