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Technical specifications

Description: electromechanical gear motor	NeoS 300 - NeoS+ 300	NeoS 400 - NeoS+ 400	NeoS 600 - NeoS+ 600	NeoS+ 1000
Stroke control	virtual encoder	virtual encoder	limit switch + virtual encoder	limit switch + virtual encoder
Gate leaf weight	300 kg	400 kg	600 kg	1000 kg
Maximum opening	12 m	12 m	20 m	20 m
Service index	4 - intensive	4 - intensive	4 - intensive	4 - intensive
Intermittent operation	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%
Power absorption	230 V AC 50/60 Hz	230 V AC 50/60 Hz	230 V AC 50/60 Hz	230 V AC 50/60 Hz
Motor power supply	24 V DC	24 V DC	24 V DC	24 V DC
Power input	1.2 A	1.2 A	1.5 A	2 A
Thrust	300 N	400 N	600 N	1000 N
Opening and closing speed	0.1 - 0.25 m/s	0.1 - 0.25 m/s	0.1 - 0.24 m/s	0.1 - 0.19 m/s
Release system for manual opening	key-operated	key-operated	key-operated	key-operated
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection level	IP 24	IP 24	IP 24	IP 24
Product dimensions (mm)	335x210x307	335x210x307	335x220x325	335x220x325

System functions

Description	NeoS 300 - NeoS 400 NeoS 600	NeoS+ 300 - NeoS+ 400 NeoS+ 600 - NeoS+ 1000
Control panel	ref. CS12E for 1 24 V DC motor with built-in receiver	ref. CS12M for 1 24 V DC motor with built-in receiver
Radio frequency	433.92 MHz standard 868.65 MHz (with GOL868R4)	433.92 MHz standard 868.65 MHz (with GOL868RS)
Mains power supply	230 V AC / 50/60 Hz	230 V AC / 50/60 Hz
Batteries	■ (optional)	■ (optional)
 Energy saving mode		■
Solar energy ready		■ (ready)
Accessories power supply	24 V DC / 0.3 A	24 V DC / 0.5 A
Flashing light	24 V DC	24 V DC
Gate open warning light and open gate indicator output		■
Courtesy light output (up to 400 W)		■
External LED output		■
Micro USB connection per PC diagnostic		■
Automatic closing activated by external timer or remote signal (opening/closing can be programmed daily/weekly)		■
8,2 KΩ input for safety edge	■ (with GOPAV system)	■ (with GOPAV system)
Force setting	via display	via display
ODS - Obstruction Detection System	■	■
Speed setting	via display	via display
Braking / slowing down	via display	via display
Partial opening control	■ (only with remote control)	■ (with remote control and selector)
Open / Close control	■	■
Temporised automatic closing	■	■
Hold-to-run control	■	■
Emergency stop / reverse	■	■
Safety test	■	■
Soft Start	■	■
NIO - Antifreeze system	■	■