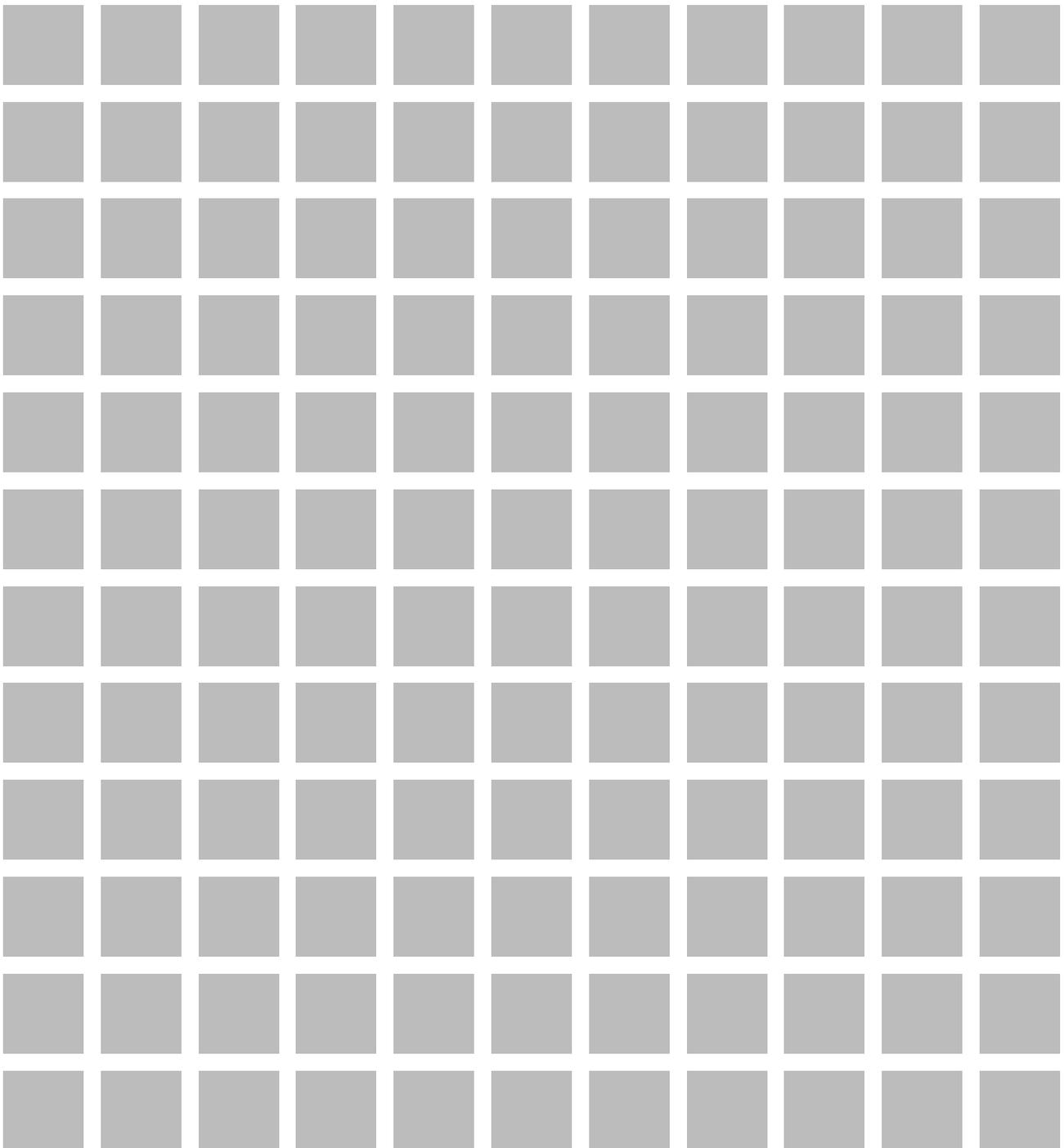
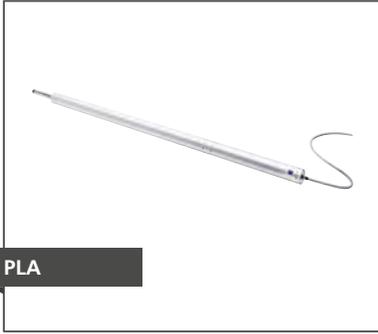


# 2

## Spindle drives





PLA

### PLA SPINDLE DRIVES

- Model 24V DC, S3 und S12
- Pulling force 600–1600 N (type depending)
- Stroke length 100–1200 mm
- Speed 4,0–12,5 mm/s (type depending)
- Housing (DxL) D=36 mm, length depends on stroke
- Opening mechanism stainless steel spindle tube
- Versions Solo, Tandem, Synchro
- Protection rating IP65



PLS

### PLS SPINDLE DRIVES

- Model 24V DC, S12
- Pulling force 1500–5000 N
- Stroke length 300–1200 mm
- Speed 4,0–17,0 mm/s (type depending)
- Housing (DxL) D=50/(60) mm, length depends on stroke
- Opening mechanism stainless steel spindle tube
- Versions Solo, Tandem, Synchro
- Protection rating IP54



SP

### SP SPINDLE DRIVES

- Model 24V DC, S2/230V AC, S2
- Pulling force 800 N
- Stroke length 100–750 mm (230V AC: 300–750)
- Speed 7,0 mm/s
- Housing (DxL) 43x76 mm, length depends on stroke
- Opening mechanism aluminium spindle tube
- Versions Solo, Z with feedback contact
- Protection rating IP54/IP65

SPINDLE DRIVES																		
Type	Form	Model		Stroke	Force		Speed		Stroke in	Cut-off current	Use			Location		Functions		
		Type of cut-off	Rated voltage	Range	Pushing force	Pulling force	OPEN	CLOSE	60 s	Max.	Natural ventilation	RWA	NRWG	Facade	Roof	Run monitoring	Synchronised run	Sequence control
		[VDC]	[mm]	[N]	[N]	[mm/s]	[mm/s]	[mm]	[A]									
PLA	PLA6	S3	24	100–1200	600	600	6,0	6,0	350	0,8	●	●	●	■	●	●	●	●
		S12		100–1200	600	600	6,0	6,0	350	0,8	●	●	●	■	●	●	●	●
	PLA8	S3	24	100–1200	800	800	10,0	10,0	600	1,4	●	●	●	■	●	●	●	●
		S12		100–1200	800	800	10,0	10,0	600	1,4	●	●	●	■	●	●	●	●
	PLA10	S12	24	100–1200	1000	1000	12,6	12,6	750	2,5	●	●	●	■	●	●	●	●
	PLA101	S3	24	100–1200	1000	1000	4,6	4,6	250	1,0	●	●	●	■	●	●	●	●
		S12		100–1200	1000	1000	4,6	4,6	250	1,0	●	●	●	■	●	●	●	●
	PLA16	S12		100–1200	1600	1600	7,0	7,0	400	2,5	●	●	●	■	●	●	●	●
	PLA116	S3	24	100–750	1600	1600	4,0	4,0	240	1,2	●	●	●	■	●	●	●	●
S12			100–750	1600	1600	4,0	4,0	240	1,2	●	●	●	■	●	●	●	●	
PLS	PLS15	S12	24	300–1200	1500	1500	16,0	16,0	950	4,0	●	●	●	■	●	●	●	●
	PLS30	S12	24	300–1200	3000	2000	7,8	7,8	450	5,0	●	●	●	■	●	●	●	●
	PLS50	S12	24	200–750	5000	5000	4,0	4,0	240	4,2	●	●	●	■	●	●	●	●
SP	SP8	S2	24	100–750	800	800	7,0	7,0	400	1,0	●	●		■	●	○		○
		S2	230	300–750	800	800	7,0	7,0	400	0,2	●			■	●			

LEGEND

● suitable

■ not recommended

S2 internal load dependend cut-off switch

S3 internal load dependend cut-off switch, post cycle resistant, programmable for motion monitoring (up to 300 mm stroke) and sequence control

S12 internal Intelligent Control Electronics for synchronised run and programmable functions

○ only with external modules (cut-off switch system, synchronisation module, sequence control module)