

# KNX ACTUATORS

NAME	KNX S4-B10 230 V 70530	KNX S4 70540	KNX S2-B6 230 V 70531	KNX S2 70541	KNX S1-B2 230 V 70532	KNX S1-BA4 70514	KNX S4-B12 24 V 70533	KNX S1R- BA4-UP 70513	KNX S1R- BA2-UP 70512	KNX S1R- UP 70511	KNX S1R- BA4-UP 24 V 70516	KNX S1E- BA4-UP 230 V 70519	KNX S1E- BA2-UP 230 V 70518	KNX S1E-UP 230 V 70517	KNX S1E- BA4-UP PS 70515	KNX S1R-B4 compact 70550	KNX RF S1R-B2 compact 70715	KNX R4 16 A 70571	KNX R8 16 A 70570	KNX R1-B4 compact 16 A 70574	KNX R1-B2 compact 16 A 70720	
Housing	DIN-rail 6 units	DIN-rail 6 units	DIN-rail 6 units	DIN-rail 3 units	DIN-rail 3 units	DIN-rail 3 units	DIN-rail 6 units	in-wall	in-wall	in-wall	in-wall	in-wall	in-wall	in-wall	in-wall	in-wall	in-wall	DIN-rail 3 units	DIN-rail 6 units	in-wall	in-wall	
Pairs of buttons	4	4	2	2	1	1	4	-	-	-	-	-	-	-	-	-	-	2	4	-	-	
Operating voltage	230 V AC	230 V AC	230 V AC	Bus	230 V AC	Bus	24 V DC	Bus	Bus	Bus	Bus	Bus	Bus	Bus	230 V AC	Bus	230 V AC	Bus	Bus	Bus	230 V AC	
Channels	4	4	2	2	1	1	4	1	1	1	1	1	1	1	1	1	1	4	8	1	1	
Multifunctional (per 1x up/down or 2x off/on)	✓	only up/down	✓	only up/down	✓	✓	only up/down	✓	✓	✓	✓	✓	✓	✓	✓	Only up/down	✓	✓	only switching	only switching	only switching	only switching
Voltage outputs	230 V AC	potential-free	230 V AC	potential-free	230 V AC	potential-free	12...24 V DC polarity change	potential-free	potential-free	potential-free	12...24 V DC PW**	230 V AC	230 V AC	230 V AC	24 V DC	potential-free	potential-free	potential-free	potential-free	potential-free	potential-free	
Outputs switch	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	electronical	electronical	electronical	electronical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	
Separate voltage feed per channel	-	✓	-	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inputs digital	10	-	6	-	2	-	12	-	-	-	-	-	-	-	-	4	2	-	-	4	2	
Inputs digital/analogue	-	-	-	-	-	4	-	4	2	-	4	4	2	-	4	-	-	-	-	-	-	
Inputs analogue for temperature sensor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Voltage inputs	6...80 V DC, 6...240 V AC	-	6...80 V DC, 6...240 V AC	-	6...80 V DC, 6...240 V AC	-	6...24 V DC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Drives: runtime measurement	✓*	-	✓*	-	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	-	-	-	-	
Dead time (also auto.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Positions feedback, Positions storage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Locking (Master/Slave)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Priority for safety functions, Priority manual/automatic adjustable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Safety objects per channel, with movement position	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	
Short term restriction (movement command blocked)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Movement restriction	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Behaviour adjustable for bus voltage failure/recovery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Automatic Shading, Slat tracking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Step command for slat turning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	
Window automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
Scenes	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	-	-	8	8	
Temperature thresholds	-	-	-	-	-	4	-	4	4	4	4	4	4	4	4	-	-	-	-	-	-	
Automatic staircase lighting system	✓	-	✓	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓ proir warning	✓ proir warning	✓ proir warning	✓ proir warning	
On & off delay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	

\* consider minimum current