

NKK Standard Size Med-High Capacity Toggle Switches



S SERIES

Specifications:

- 15A to 50A Rating
- 1 to 4 poles
- Bushing Mount
- Locking Lever available
- Panel Seal versions meet IP67 Standard

()=Momentary For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	NKK Pt. No.	Fig.	Circuit	Resistive Load				Inductive AC 125V PF 0.6	Price Each			
				AC 125V	AC 250V	DC 30V			1	25	50	100
Medium Capacity, Solder Lug Termination												
633-S1A	S1A	A	SPST On-None-Off	15A	6A	20A	8A	3.05	2.89	2.72	2.55	
633-S2A	S2A	A	SPDT On-None-On	15A	6A	20A	8A	3.50	3.31	3.12	2.93	
633-S3A	S3A	A	SPDT On-Off-On	15A	6A	20A	8A	3.60	3.41	3.21	3.01	
633-S21A	S21A	A	DPST On-None-Off	15A	15A	15A	8A	4.40	4.16	3.92	3.68	
633-S6A	S6A	A	DPDT On-None-On	20A	10A	20A	8A	5.25	4.97	4.68	4.39	
633-S7A	S7A	A	DPDT On-Off-On	20A	10A	20A	8A	5.30	5.01	4.72	4.43	
Medium Capacity, Quick Connect Termination												
633-S1F	S1F	B	SPST On-None-Off	15A	6A	20A	8A	3.35	3.17	2.98	2.80	
633-S2F	S2F	B	SPDT On-None-On	15A	6A	20A	8A	3.95	3.74	3.52	3.30	
633-S3F	S3F	B	SPDT On-Off-On	15A	6A	20A	8A	4.10	3.88	3.65	3.43	
633-S21F	S21F	B	DPST On-None-Off	15A	15A	15A	8A	5.00	4.73	4.46	4.18	
633-S6F	S6F	B	DPDT On-None-On	20A	10A	20A	8A	6.15	5.82	5.48	5.14	
633-S7F	S7F	B	DPDT On-Off-On	20A	10A	20A	8A	6.20	5.87	5.52	5.18	
Medium Capacity, Solder Lug Termination with Locking Lever & Panel Seal												
633-S1AL	S1AL	C	SPST On-None-Off	15A	6A	20A	8A	10.25	9.70	9.13	8.57	
633-S2AL	S2AL	C	SPDT On-None-On	15A	6A	20A	8A	11.35	10.74	10.11	9.49	
633-S3AL	S3AL	C	SPDT On-Off-On	15A	6A	20A	8A	11.60	10.97	10.34	9.70	
633-S21AL	S21AL	C	DPST On-None-Off	15A	15A	15A	8A	12.60	11.92	11.23	10.53	
633-S6AL	S6AL	C	DPDT On-None-On	20A	10A	20A	8A	13.60	12.87	12.12	11.37	
633-S7AL	S7AL	C	DPDT On-Off-On	20A	10A	20A	8A	13.70	12.96	12.21	11.45	
Medium Capacity, Solder Lug Termination with Panel Seal												
633-S1AW	S1AW	D	SPST On-None-Off	15A	6A	20A	-	8.10	7.67	7.23	6.78	
633-S2AW	S2AW	D	SPDT On-None-On	15A	6A	20A	-	8.80	8.32	7.84	7.36	
633-S3AW	S3AW	D	SPDT On-Off-On	15A	6A	20A	-	9.25	8.75	8.24	7.73	
633-S5AW	S5AW	D	SPDT On-None-(On)	15A	6A	20A	-	8.40	7.95	7.48	7.02	
633-S8AW	S8AW	D	SPDT (On)-Off-(On)	15A	6A	20A	-	8.85	8.37	7.89	7.40	
633-S9AW	S9AW	D	SPDT On-Off-(On)	15A	6A	20A	-	8.85	8.37	7.89	7.40	
633-S21AW	S21AW	D	DPST On-None-Off	15A	15A	15A	-	10.15	9.60	9.04	8.49	
633-S6AW	S6AW	D	DPDT On-None-On	20A	10A	20A	-	11.45	10.83	10.20	9.57	
633-S7AW	S7AW	D	DPDT On-Off-On	20A	10A	20A	-	11.50	10.88	10.25	9.61	
633-S25AW	S25AW	D	DPDT On-None-(On)	15A	6A	20A	-	11.50	10.88	10.25	9.61	
633-S28AW	S28AW	D	DPDT (On)-Off-(On)	15A	6A	20A	-	11.95	11.30	10.65	9.99	
633-S29AW	S29AW	D	DPDT On-Off-(On)	15A	6A	20A	-	11.95	11.30	10.65	9.99	
Medium/High Capacity, Solder Lug Termination												
633-S305	S305	E	SPDT On-None-(On)	15A	6A	20A	8A	4.35	4.11	3.87	3.63	
633-S308	S308	E	SPDT (On)-Off-(On)	15A	6A	20A	8A	4.45	4.21	3.97	3.72	
633-S309	S309	E	SPDT On-Off-(On)	15A	6A	20A	8A	4.60	4.35	4.10	3.85	
633-S335	S335	F	DPDT On-None-(On)	15A	6A	20A	8A	7.01	6.62	6.24	5.85	
633-S338	S338	F	DPDT (On)-Off-(On)	15A	6A	20A	8A	7.65	7.24	6.82	6.40	
633-S339	S339	F	DPDT On-Off-(On)	15A	6A	20A	8A	7.65	7.24	6.82	6.40	
633-S31	S31	G	3PST On-None-Off	25A	9A	20A	10A	8.46	8.00	7.53	7.07	
633-S32	S32	G	3PDT On-None-On	25A	9A	20A	10A	8.76	8.24	7.76	7.28	
633-S33	S33	G	3PDT On-Off-On	25A	9A	20A	10A	9.40	8.89	8.38	7.86	
633-S35	S35	G	3PDT On-None-(On)	15A	6A	20A	8A	9.40	8.89	8.38	7.86	
633-S41	S41	G	4PST On-None-Off	25A	9A	20A	10A	10.05	9.51	8.96	8.41	
633-S42	S42	G	4PDT On-None-On	25A	9A	20A	10A	10.05	9.51	8.96	8.41	
633-S43	S43	G	4PDT On-Off-On	25A	9A	20A	10A	10.87	9.75	9.19	8.41	
633-S45	S45	G	4PDT On-None-(On)	15A	6A	20A	8A	10.85	10.27	9.67	9.07	
Medium/High Capacity, Quick Connect Termination												
633-S31F	S31F	H	3PST On-None-Off	25A	9A	20A	10A	9.15	8.65	8.15	7.65	
633-S32F	S32F	H	3PDT On-None-On	25A	9A	20A	10A	9.40	10.58	8.38	8.85	
633-S33F	S33F	H	3PDT On-Off-On	25A	9A	20A	10A	9.40	8.89	8.38	7.86	
633-S41F	S41F	H	4PST On-None-Off	25A	9A	20A	10A	10.65	10.08	9.49	8.91	
633-S42F	S42F	H	4PDT On-None-On	25A	9A	20A	10A	10.95	10.35	9.75	9.15	
633-S43F	S43F	H	4PDT On-Off-On	25A	9A	20A	10A	11.75	11.11	10.47	9.82	
Medium/High Capacity, Screw Lug Termination												
633-S301T	S301T	I	SPST On-None-Off	15A	6A	20A	10A	4.30	4.07	3.83	3.59	
633-S302T	S302T	I	SPDT On-None-On	15A	6A	20A	10A	4.45	4.21	3.96	3.72	
633-S303T	S303T	I	SPDT On-Off-On	15A	6A	20A	10A	4.70	4.45	4.19	3.93	
633-S305T	S305T	I	SPDT On-None-(On)	15A	6A	20A	8A	4.60	4.35	4.10	3.85	
633-S308T	S308T	I	SPDT (On)-Off-(On)	15A	6A	20A	8A	5.10	4.82	4.54	4.26	
633-S309T	S309T	I	SPDT On-Off-(On)	15A	6A	20A	8A	5.10	4.82	4.54	4.26	
633-S331T	S331T	J	DPST On-None-Off	15A	15A	15A	10A	6.60	6.24	5.88	5.52	
633-S332T	S332T	J	DPDT On-None-On	15A	15A	15A	10A	6.95	6.57	6.19	5.81	
633-S333T	S333T	J	DPDT On-Off-On	15A	15A	15A	10A	7.85	7.43	7.00	6.57	
633-S335T	S335T	J	DPDT On-None-(On)	15A	6A	20A	8A	8.05	7.62	7.18	6.73	
633-S338T	S338T	J	DPDT (On)-Off-(On)	15A	6A	20A	8A	8.45	8.00	7.53	7.07	
633-S339T	S339T	J	DPDT On-Off-(On)	15A	6A	20A	8A	8.70	8.24	7.76	7.28	
High Capacity, Screw Lug Termination												
633-S821	S821	K	DPST On-None-Off	30A	30A	30A	30A	19.90	18.83	17.73	16.64	
633-S822	S822	K	DPDT On-None-On	30A	30A	30A	30A	20.70	19.58	18.44	17.31	
633-S823	S823	K	DPDT On-Off-On	30A	30A	30A	30A	20.50	19.39	18.27	17.14	
633-S831	S831	K	3PST On-None-Off	30A	30A	30A	30A	29.75	28.14	26.51	24.87	
633-S832	S832	K	3PDT On-None-On	30A	30A	30A	30A	36.10	34.15	32.17	30.18	
633-S833	S833	K	3PDT On-Off-On	30A	30A	30A	30A	36.15	34.20	32.21	30.22	
633-S732	S732	L	DPDT On-None-On	50A	30A	50A	25A	49.30	46.65	43.93	41.22	

Accessories for S Series

MOUSER STOCK NO.	NKK Pt. No.	Fig.	Description	Price Each			
				1	25	50	100
633-AT201	AT201	M	On-Off Plate	.60	.48	.43	.38
633-AT202	AT202	N	On-Off Plate Red/Black	1.80	1.44	1.30	1.15
633-AT214	AT214	M	On-Off Plate Red/Black	1.80	1.44	1.30	1.15
633-AT401	AT401A	O	Splashproof Half-Boot, Black	2.60	2.08	1.87	1.66
633-AT402	AT402A	P	Splashproof Full-Boot, Black	3.40	2.72	2.45	2.18

DIMENSIONS (IN)

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Toggle Switches

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