

C&K Pushbutton Switches



This product is RoHS compliant.



AP SERIES INDUSTRIAL PUSHBUTTON SWITCHES

Features:

- IP67 sealed
- Sealed against dirt and fluids, UV tolerant
- 1,000,000 life cycle
- Illumination / non-illumination
- Multiple colored caps
- Threaded or snap-in mounting
- SPST, normally open
- Termination styles: solder lug, PC terminals (non-illuminated only), or 12" wire leads (22 AWG)
- Caps can not be removed and don't spin after installation. Caps available in different colors and dome, concave, or extended dome.
- 2N and 4N operating force options

Applications:

- Harsh environments
- Off-Road transportation
- Automotive
- Marine
- Industrial
- Medical
- Transportation
- Joystick control modules, grips
- Gaming
- Food & Beverage
- Military
- Anywhere there are industrial/agricultural chemicals present (bases, hydrocarbons, various oils and fuels)

Non-Illuminated Industrial Pushbutton Switches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Operating Force	Actuator Style	Actuator Color	Termination	Price Each			
						1	25	50	100
Snap-In									
611-AP2C300SZBE	AP2C300SZBE	2 N	Concave	No Cap	Solder Lug	11.04	9.60	9.12	8.88
611-AP4C300SZBE	AP4C300SZBE	4 N	Concave	No Cap	Solder Lug	11.04	9.60	9.12	8.88
611-AP2D200SWBE	AP2D200SWBE	2 N	Dome/Convex	Black	Wire Lead	12.48	12.10	11.23	10.61
611-AP2D200SZBE	AP2D200SZBE	2 N	Dome/Convex	Black	Solder Lug	10.89	9.47	8.99	8.65
611-AP2D300SZBE	AP2D300SZBE	2 N	Dome/Convex	Red	Solder Lug	11.87	10.92	10.05	9.03
611-AP4D200SWBE	AP4D200SWBE	4 N	Dome/Convex	Black	Wire Lead	13.73	12.17	11.23	10.61
611-AP4D200SZBE	AP4D200SZBE	4 N	Dome/Convex	Black	Solder Lug	10.89	9.47	8.99	8.75
611-AP4D300SZBE	AP4D300SZBE	4 N	Dome/Convex	Red	Solder Lug	10.95	9.52	9.04	8.80
611-AP2E200SWBE	AP2E200SWBE	2 N	Extended Dome	Black	Wire Lead	13.82	12.24	11.30	10.67
611-AP2E200SZBE	AP2E200SZBE	2 N	Extended Dome	Black	Solder Lug	10.98	9.54	9.06	8.83
611-AP2E300SZBE	AP2E300SZBE	2 N	Extended Dome	Red	Solder Lug	11.04	9.60	9.12	8.88
611-AP4E200SWBE	AP4E200SWBE	4 N	Extended Dome	Black	Wire Lead	13.82	12.24	11.30	10.67
611-AP4E200SZBE	AP4E200SZBE	4 N	Extended Dome	Black	Solder Lug	10.98	9.54	9.06	8.83
611-AP4E300SZBE	AP4E300SZBE	4 N	Extended Dome	Red	Solder Lug	11.04	9.60	9.12	8.88
611-AP2N000SZBE	AP2N000SZBE	2 N	None	No Cap	Solder Lug	12.51	11.38	10.34	9.51
611-AP4N000SWBE	AP4N000SWBE	4 N	None	No Cap	Wire Lead	16.10	13.58	12.32	9.61
611-AP4N000SZBE	AP4N000SZBE	4 N	None	No Cap	Solder Lug	11.53	10.35	8.02	7.56
Threaded									
611-AP2C300TZBE	AP2C300TZBE	2 N	Concave	No Cap	Solder Lug	11.24	9.95	9.19	8.68
611-AP4C300TZBE	AP4C300TZBE	4 N	Concave	No Cap	Solder Lug	11.24	9.95	9.19	8.68
611-AP2D200TZBE	AP2D200TZBE	2 N	Dome/Convex	Black	Solder Lug	11.78	10.52	9.76	8.65
611-AP2D300TZBE	AP2D300TZBE	2 N	Dome/Convex	Red	Solder Lug	14.74	12.15	10.70	9.62
611-AP2D200TWBE	AP2D200TWBE	2 N	Dome/Convex	Black	Wire Lead	14.41	12.77	11.78	11.13
611-AP4D200TWBE	AP4D200TWBE	4 N	Dome/Convex	Black	Solder Lug	14.74	12.08	10.70	9.57
611-AP4D300TZBE	AP4D300TZBE	4 N	Dome/Convex	Red	Solder Lug	11.15	9.88	9.12	8.61
611-AP4D200TWBE	AP4D200TWBE	4 N	Dome/Convex	Black	Wire Lead	14.41	12.77	11.78	11.13
611-AP2E200TZBE	AP2E200TZBE	2 N	Extended Dome	Black	Solder Lug	14.74	12.18	10.70	9.64
611-AP2E300TZBE	AP2E300TZBE	2 N	Extended Dome	Red	Solder Lug	15.03	12.24	10.87	9.69
611-AP2E200TWBE	AP2E200TWBE	2 N	Extended Dome	Black	Wire Lead	14.49	13.71	11.85	11.19
611-AP4E200TZBE	AP4E200TZBE	4 N	Extended Dome	Black	Solder Lug	11.18	9.90	9.14	8.63
611-AP4E300TZBE	AP4E300TZBE	4 N	Extended Dome	Red	Solder Lug	11.24	9.95	9.19	8.68
611-AP4E200TWBE	AP4E200TWBE	4 N	Extended Dome	Black	Wire Lead	14.49	12.84	11.85	11.19
611-AP2N000TZBE	AP2N000TZBE	2 N	None	No Cap	Solder Lug	12.51	11.38	10.34	9.51
611-AP4N000TZBE	AP4N000TZBE	4 N	None	No Cap	Solder Lug	14.52	11.06	8.57	8.09
611-AP4N000TWBE	AP4N000TWBE	4 N	None	No Cap	Wire Lead	17.26	14.67	13.49	12.42

Illuminated Industrial Pushbutton Switches

Option Code	Illumination Type	Typical Intensity		Peak Wavelength	Vf Forward Voltage
		Min.	Max.		
02	LED Bi-Color: Red (Green)	10	20	635/565	2.0
03	LED Red	4	8	700	2.0
06	LED Green	35	50	565	2.0
07	LED Super Blue	800	1500	470	3.8

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MOUSER STOCK NO.	C&K Part No.	Operating Force	Actuator Style	Actuator Color	LED Color	Termination	Price Each			
							1	25	50	100
Snap-In										
611-AP2D202SZBE	AP2D202SZBE	2 N	Dome/Convex	Black	Red(Green)	Solder Lug	11.25	9.97	9.20	8.69
611-AP4D202SZBE	AP4D202SZBE	4 N	Dome/Convex	Black	Red(Green)	Solder Lug	11.25	9.97	9.20	8.69
611-AP2D207SZBE	AP2D207SZBE	2 N	Dome/Convex	Black	Super Blue	Solder Lug	13.90	12.32	11.37	10.74
611-AP4D207SZBE	AP4D207SZBE	4 N	Dome/Convex	Black	Super Blue	Solder Lug	13.90	12.32	11.37	10.74
611-AP4E206SZBE	AP4E206SZBE	4 N	Extended Dome	Black	Green	Solder Lug	14.74	12.97	10.70	10.39
611-AP2E202SZBE	AP2E202SZBE	2 N	Extended Dome	Black	Red(Green)	Solder Lug	11.33	10.04	9.27	8.75
611-AP4E202SZBE	AP4E202SZBE	4 N	Extended Dome	Black	Red(Green)	Solder Lug	11.33	10.04	9.27	8.75
611-AP2E207SZBE	AP2E207SZBE	2 N	Extended Dome	Black	Super Blue	Solder Lug	13.99	12.39	11.44	10.80
611-AP4E207SZBE	AP4E207SZBE	4 N	Extended Dome	Black	Super Blue	Solder Lug	13.99	12.39	11.44	10.80
611-AP2N006SZBE	AP2N006SZBE	2 N	None	No Cap	Green	Solder Lug	11.87	10.92	8.44	7.99
611-AP4N006SZBE	AP4N006SZBE	4 N	None	No Cap	Green	Solder Lug	11.87	10.92	8.44	7.99
611-AP2N003SZBE	AP2N003SZBE	2 N	None	No Cap	Red	Solder Lug	11.78	10.52	8.38	7.98
611-AP4N003SZBE	AP4N003SZBE	4 N	None	No Cap	Red	Solder Lug	11.78	10.52	8.38	7.98
611-AP2N002SZBE	AP2N002SZBE	2 N	None	No Cap	Red(Green)	Solder Lug	14.74	12.97	10.70	10.39
611-AP4N002SZBE	AP4N002SZBE	4 N	None	No Cap	Red(Green)	Solder Lug	14.74	12.97	10.70	10.39
611-AP2N007SZBE	AP2N007SZBE	2 N	None	No Cap	Super Blue	Solder Lug	16.63	14.09	12.97	11.92
611-AP4N007SZBE	AP4N007SZBE	4 N	None	No Cap	Super Blue	Solder Lug	16.63	14.09	12.97	11.92
611-AP4N007SWBE	AP4N007SWBE	4 N	None	No Cap	Super Blue	Wire Lead	19.19	17.65	16.24	12.16
Threaded										
611-AP2D202TZBE	AP2D202TZBE	2 N	Dome/Convex	Black	Red(Green)	Solder Lug	11.92	10.56	9.75	9.21
611-AP4D202TZBE	AP4D202TZBE	4 N	Dome/Convex	Black	Red(Green)	Solder Lug	11.92	10.56	9.75	9.21
611-AP2D207TZBE	AP2D207TZBE	2 N	Dome/Convex	Black	Super Blue	Solder Lug	14.58	12.91	11.92	11.26
611-AP4D207TZBE	AP4D207TZBE	4 N	Dome/Convex	Black	Super Blue	Solder Lug	14.58	12.91	11.92	11.26
611-AP2E202TZBE	AP2E202TZBE	2 N	Extended Dome	Black	Red(Green)	Solder Lug	12.01	10.64	9.82	9.27
611-AP4E202TZBE	AP4E202TZBE	4 N	Extended Dome	Black	Red(Green)	Solder Lug	12.01	10.64	9.82	9.27
611-AP2E207TZBE	AP2E207TZBE	2 N	Extended Dome	Black	Super Blue	Solder Lug	14.66	12.99	11.99	11.32
611-AP4E207TZBE	AP4E207TZBE	4 N	Extended Dome	Black	Super Blue	Solder Lug	14.66	12.99	11.99	11.32
611-AP2N006TZBE	AP2N006TZBE	2 N	None	No Cap	Green	Solder Lug	14.74	12.97	8.99	8.51
611-AP4N006TZBE	AP4N006TZBE	4 N	None	No Cap	Green	Solder Lug	14.74	12.97	8.99	8.51
611-AP2N003TZBE	AP2N003TZBE	2 N	None	No Cap	Red	Solder Lug	14.74	12.97	10.70	10.39
611-AP4N003TZBE	AP4N003TZBE	4 N	None	No Cap	Red	Solder Lug	14.74	12.97	10.70	10.39
611-AP2N002TZBE	AP2N002TZBE	2 N	None	No Cap	Red(Green)	Solder Lug	16.11	13.58	12.33	11.44
611-AP4N002TZBE	AP4N002TZBE	4 N	None	No Cap	Red(Green)	Solder Lug	16.11	13.58	12.33	11.44
611-AP2N007TZBE	AP2N007TZBE	2 N	None	No Cap	Super Blue	Solder Lug	20.88	16.84	13.71	12.97
611-AP4N007TZBE	AP4N007TZBE	4 N	None	No Cap	Super Blue	Solder Lug	20.88	16.84	13.71	12.97

Actuator Styles
DIMENSIONS: mm (in.)

Dome/Convex

Extended Dome

Concave

Bushing Styles
DIMENSIONS: mm (in.)

Snap-In No Illumination

Snap-In With Illumination

Threaded No Illumination

Threaded With Illumination

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