

Features/Benefits

Most complete product offering in the industry • Test & measurement equipment Spacers available to fit most panel cutouts

Front or rear mounting options

- - Industrial equipment
 - **Computer devices**

Typical Applications



Specifications

CONTACT BATING: CARRY: 1 AMP continuous. SWITCH: 100 mA max. OPERATING VOLTAGE: 50 mV to 28 V DC or 120 V AC. ELECTRICAL LIFE: 100,000 actuations. CONTACT RESISTANCE: Below 100 m Ω typ. initial @ 2-4 V DC, 100 mA. INSULATION RESISTANCE: $10^9 \Omega$ min. DIELECTRIC STRENGTH: 500 Vrms min. @ sea level between common terminal and any output. OPERATING TEMPERATURE: -40°C to 65°C.

Materials

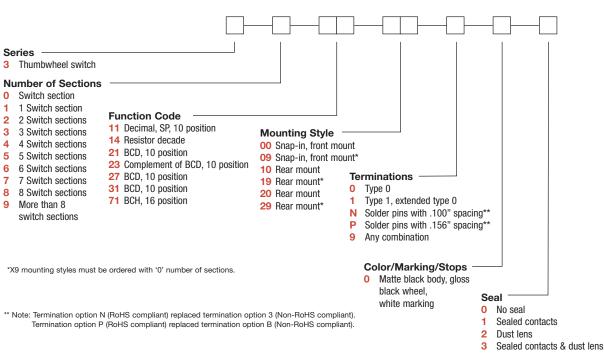
HOUSING: ABS plastic. THUMBWHEEL: ABS plastic. ROTOR CONTACTS: Precious metal on copper alloy. STATOR CONTACTS: Hard gold over nickel over copper on epoxy fiberglass.

NOTE: Specifications and materials listed above are for switches with standard options For information on specific and custom switches, consult Customer Service Center

* Note: All models listed are RoHS compliant. See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages M-4 thru M-10. For additional options not shown in catalog, consult Customer Service Center. Consult factory for illumination availability.

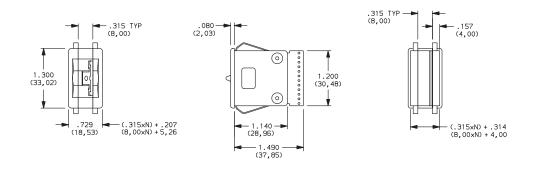




Thumbwheel & Pushwhee

SERIES

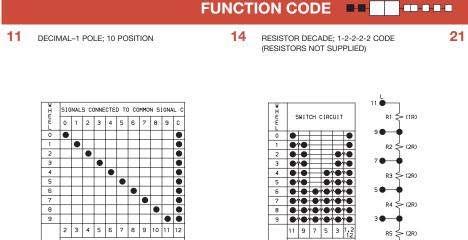
3 THUMBWHEEL SWITCHES



NUMBER OF SECTIONS -----

NOTE: Endplates and blank sections available separately, see pages M-13 and M-14.

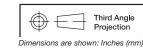
- 0 Switch section only, no assembly. Blank bodies are considered sections; endplates are not sections. Must be ordered with 09 or 19 mounting style options, see pages M-5 and M-6.
- 1-8 Number of switch sections in assembly, includes endplates.
- 9 More than 8 switch sections, specify on CONFIGURATION FORM, page M-10 and consult Customer Service Center.



SIGNALS CONN. COMM. SIG. C 2 4 8 0 1 2 • ۲ 3 . • 4 C 5 6 ۲ • 7 8 9 3 5 7 11 9 TERM. LOCATION

BCD 1-2-4-8; 10 POSITION

Available Terminations: 0, 1, N See fig. 1, page M-7.



Specifications and dimensions subject to change



Μ

NOTE: For terminal location diagram, see page M-7.

TERM. LOCATION

Available Terminations: 1

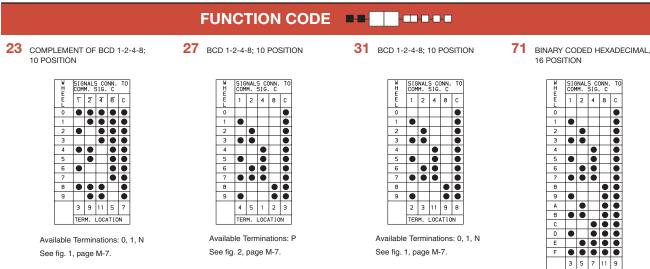
See fig. 1, page M-7.



TERM. LOCATIO

Available Terminations: 0, 1, N

See fig. 1, page M-7.



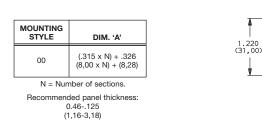
Available Terminations: 0, 1, N See fig. 1, page M-7.

TERM. LOCATION

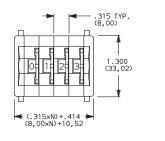
NOTE: For terminal location diagram, see page M-7.

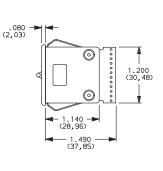
MOUNTING STYLE

Type 0 Snap-In Front Mount



00 SWITCH ASSEMBLY W/ ENDPLATES-.315 (8,00) SECTION PITCH



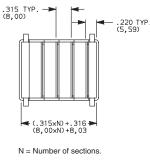


PANEL MOUNTING

.010 R. (0,26) TYP

'A'

Ŵ



09 SWITCH SECTION ONLY-UNASSEMBLED WITHOUT ENDPLATES OR SPACERS (Must be ordered with number of sections option "0", see Page M-4.)

NOTE: Endplates, blank sections, spacers and assembly hardware available separately, see pages M–8 and M–9.



Specifications and dimensions subject to change

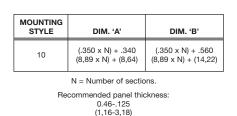
1

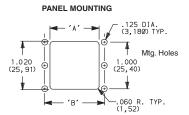
Μ

Downloaded from Datasheet.su

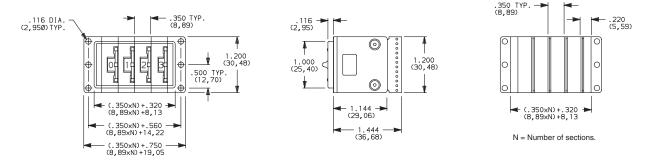
MOUNTING STYLE

Type 1 Rear Mount





10 SWITCH ASSEMBLY W/ ENDPLATES-.350 (8,89) SECTION PITCH



19 SWITCH SECTION ONLY–UNASSEMBLED WITHOUT ENDPLATES OR SPACERS (Must be ordered with number of sections option "0", see Page M–4.)

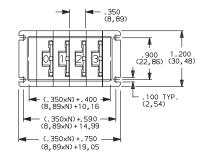
Type 2 Rear Mount

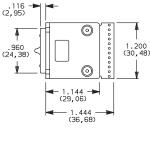
Thumbwheel & Pushwheel

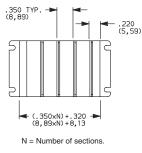
1

Μ

20 SWITCH ASSEMBLY W/ ENDPLATES-.350 (8,89) SECTION PITCH







29 SWITCH SECTION ONLY-UNASSEMBLED WITHOUT ENDPLATES OR SPACERS (Must be ordered with number of sections option "0", see Page M-4.)

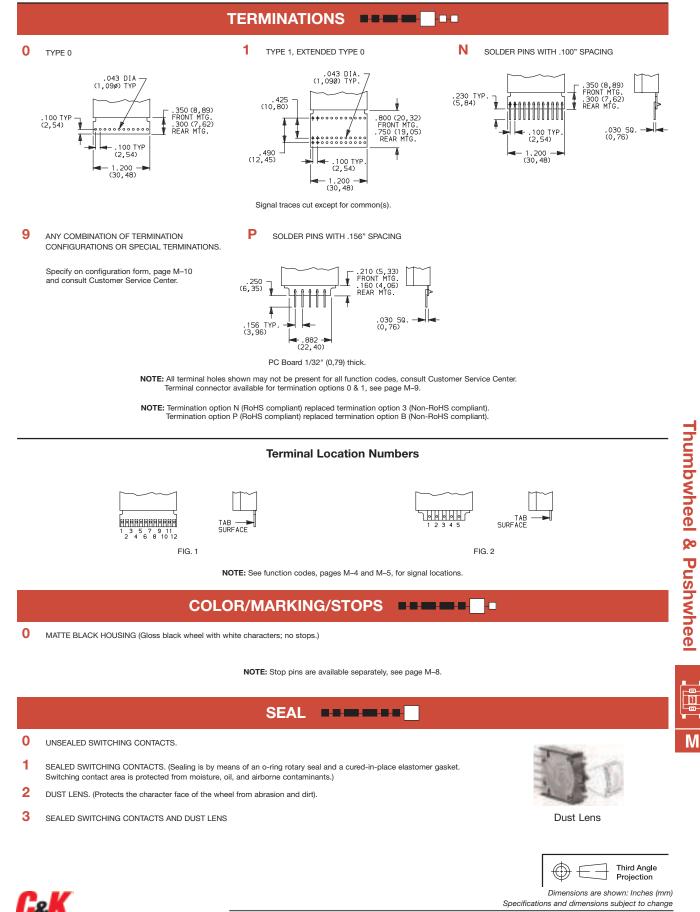
NOTE: Endplates, blank sections, spacers and assembly hardware available separately, see pages M–8 and M–9.



Specifications and dimensions subject to change



www.ck-components.com



Downloaded from Datasheet.su

	AVAILABLE HARDWARE						
Blank sections, Type 0, .315 THK.	Blank sections, Front mount, Type 0, .315 THK.	Blank sections, Rear mount, Type 1, .350 THK.					
		4006 H08					
PART NO. 413602000 W/RIB-BLACK	PART NO. 413502000 PLAIN-BLACK	PART NO. 400602000 W/RIB-BLACK					
400502000 W/RIB & W/OUT SPRINGS-BLACK	400702000 PLAIN & W/OUT SPRINGS-BLACK	400802000 PLAIN-BLACK					
Blank sections, Rear mount, Type 2, .350 THK.	End plates, Front mount, Type 0	End plates, Rear mount, Type 1					
4734 4733	STATES						
PART NO. 473402000 W/RIB-BLACK							
473302000 PLAIN-BLACK	PART NO. 413402000 BLACK Two required for complete assembly.						
End plates, Rear mount, Type 2	Spacers, Front mount, Type 0 & 3, .078 THK. (Makes section pitch 10mm)	Stop pins					
		L					
PART NO. 473202003 BLACK Two required for complete assembly		PART NO. 402900000					
CaK	I	Dimensions are shown: Inches (n Specifications and dimensions subject to char					
	 M–8	www.ck-components.co					

Thumbwheel & Pushwheel

Μ

AVAILABLE HARDWARE

Terminal connector





 PART NO.

 605A00000
 PC

 605A02000
 SOLDER LUG

 Fits 0 & 1 terminations only.

Screws for field assembly of thumbwheel switches (2 screws needed per assembly + 403500000 nuts)

	NUMBER OF SECTIONS IN ASSEMBLY								
SCREW PART NUMBER	FRONT MOUNTING	REAR MOUNTING							
(0-80 UNF THD. SIZE)	MTG. STYLE – 00	MTG. STYLE – 10							
412700000	1–2	1–2							
412701000	3–4	3							
412702000	5–7	4–6							

Nut



Two nuts required per assembly and screws.

PART NO. 403500000 Nut driver (For 403500000 nut)



PART NO. 406100652



C&K

Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

Configuration Form							C&K P									
CATALOG PART NO.						C&K PART N						IUMBER				
3										-					C&K PART NUMBER	
COMPANY NAME												CUS PRIN		 R		
ADDRESS													ISION:			
CUSTOMER CONTACT					DA	TE _						DET	AILS:			_
ORIGINATED BY																
SECTIONS	NO. OF SEC.	C	OLO	R/MA IL	ODE RKIN LUM	G/S [®] NAT	TOP	S/SE	EAL	_	DES	CRIBE	IN APF	PROPR	IATE RO	WC
	1	3 –				-										
	2	3 –]	-										
	3	3 –]	-]					
	4	3 –				-]					
5	5	3 –				-]					-
	6	3 –				-]					
	7	3 –				-										
	8	3 –				-										
	9	3 –				-]					
	10	3 –				-										
	11	3 –				-										
QUALITY C	ONT	ROL IN	ISTR	UCTI	ONS				PF	ODU			ROVAL	- [DATE	
									Q.C. APPROVAL			DATE				
									RE	IV.	IN	IITIAL	S		DATE	
FOR SWITCHES WITH MORE THAN 11 SEC SPECIAL INSTRUCTIONS						TS.										
L														SHEET _	OF	



Dimensions are shown: Inches (mm) Specifications and dimensions subject to change