

Digital Switches — continued

Sub-Miniature Push Button – PE Series

100mA @ 50V ac/dc

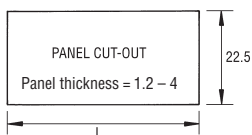


$L = (N \cdot 7.62) + 3 + (S \cdot 2.5)$ where N = No of switches and S = No of spacers
 Switch: H = 24, W = 7.62, D = 26 (behind panel) (34 including PCB terminals)
 Spacer: H = 24, W = 2.5, D = 26 (behind panel)
 End cheek: H = 24, W = 3.0, D = 26 (behind panel)

- As PA series detailed above, but switch height is 24mm instead of 15mm

Mfrs. List No.

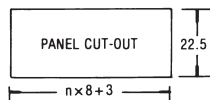
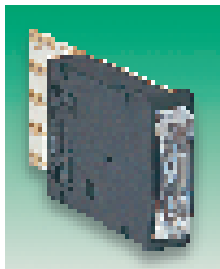
UPEAA3000 = 149-194, UPEFA3000 = 149-195,
 UPEHA3000 = 149-196, 6090754 = 149-197,
 6090756 = 149-198, 6090760 = 149-199,
 6070013 = 150-151



SW121

Output Code	Readout	Order Code	Price Each				
			1+	25+	100+	250+	1000+
Switch Modules							
Decimal	0 – 9	149-194					
BCD+Complement	0 – 9	149-195					
Hex	0 – 9, A – F	149-196					
Accessories							
LH end cheek		149-197					
RH end cheek		149-198					
Order Multiple=5			5+	25+	100+	250+	1000+
2.5mm spacer		149-199					
Stop pin		150-151					

Miniature Rocker – 84214 Series



H = 24.0, W = 7.5 (switch),
 W = 6.0 (end plates per pair)
 D = 26.0, Board length = 16.0
 Max panel thickness = 3.5
 Pad pitch: 143-632 = 2.54, 143-633 = 2.0

- Front panel mounting by retaining clips on end plates
- Switch modules and end plates all snap together
- Rocker action digit incrementing either up or down
- Long boards fitted to modules to accommodate diodes and resistors

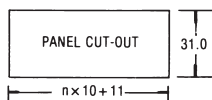
Mfrs. List No. 84214-M02-LNNS = 143-632, 84214-M01-LNNS = 143-633,
 84214-JE/N = 143-634, 84214-MI/N = 143-640

SW51

Output Code	Readout	Order Code	Price Each				
			1+	50+	100+	250+	1000+
Switch Modules							
BCD	0 – 9	143-632					
Decimal	0 – 9	143-633					
Accessories							
End plates, pair		143-634					
Spacer		143-640					

Standard Rocker and LED Readout Module

84211/84217 Series



H = 33.0, W = 10.0 (switch),
 W = 13.0 (end plates per pair)
 W = 10.0 (accessories)
 D = 28.5, Board length = 18.5,
 Max panel thickness = 3.5, Pad pitch = 2.54

- Front panel mounting by retaining clips on end plates and separators
- Modules and end plates all snap together
- Rocker action digit incrementing either up or down
- Long board fitted to modules to accommodate diodes and resistors
- Spacer: blank module used to replace a module assembly
- Separator: used to fit 2 switches into one unit (complete with 2 clips)
- Matching 7-segment LED display modules are common cathode and are available with or without a decoder:-
 - 143-629: Anodes are brought out to the edge connector via series resistors suitable for 5V operation
 - 143-630: Module decodes BCD to 7-segment and handles ripple blanking and lamp test
 - 143-631/147-150: Modules decode BCD to 7-segment with 4-bit memory latch

Mfrs. List No.

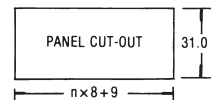
84211M02LNNS = 143-624, 84211M01LNNS = 143-625, 84217A1LNNS5V = 143-629,
 84217A3LNNS5V = 143-630, 84217A8LNNS15V = 143-631, 84217A8LNNS5V = 147-150,
 79211847 = 143-626, 79211836 = 143-627, 79211848 = 143-628

SW52

Output Code	Readout	Order Code	Price Each			
			1+	50+	100+	250+ 1000+
Switch Modules						
BCD	0 – 9	143-624				
Decimal	0 – 9	143-625				
LED Readout Modules						
Without decoder		143-629				
BCD, +5V		143-630				
BCD with memory, +15V		143-631				
BCD with memory, +5V		147-150				
Accessories						
End plates, pair		143-626				
Spacer		143-627				
Separator		143-628				

Standard Thumbwheel and LED Readout Module

84210/84216 Series



H = 33.0, W = 8.0 (switch),
 W = 9.0 (end plates per pair)
 W = 8.0 (accessories), D = 28.5,
 Board length = 18.5
 Max panel thickness = 3.5, Pad pitch = 2.54

- Front panel mounting by retaining clips on end plates and separators
- Modules and end plates all snap together
- Standard thumbwheel switches
- Long board fitted to modules to accommodate diodes and resistors
- Matching 7-segment LED display is common cathode, decodes BCD to 7-segment, has memory and handles ripple blanking
- Spacer: blank module used to replace a module assembly
- Separator: used to fit 2 switches into one unit (complete with 2 clips)

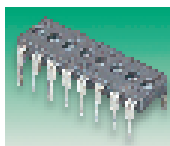
Mfrs. List No.

84210-M02-LNNS = 143-616, 84210-M01-LNNS = 143-617, 84216-B-LNNS-5V = 145-217
 79211759 = 143-618, 79211745 = 143-619, 79211760 = 143-620

SW53

Output Code	Readout	Order Code	Price Each			
			1+	50+	100+	250+ 500+
Switch Modules						
BCD	0 – 9	143-616				
Decimal	0 – 9	143-617				
LED Readout Module						
BCD with memory, +5V		145-217				
Accessories						
End plates, pair		143-618				
Spacer		143-619				
Separator		143-620				

Programmable Headers



- Low cost DIL switch for where switch only needs setting once
- Opposing pins are interconnected, poles required to be open can easily be broken using a ball-point pen

H = 3.5, W = 6.35, Pins = 7.62 2.54 spacing, L = 20.2

Rating 1A
 Insulation resistance 1000MΩ @ 500V dc
 Flammability UL94V-0
 Dielectric strength 100V dc for 1 min.
 Operating temperature -55°C to +150°C

SW190

8 way	Order Code	Price Each			
		1+	25+	50+	100+
	179-972				