

- Wide variety of styles
 - All types solder flux sealed and washable
 - Gold plated terminals
- Best Value**
- Initial contact resistance <80mΩ Mechanical life 10000 operations
 Insulation resistance >100MΩ Operating temperature -20°C to +70°C
- Mfrs. List No. PT65-101 = 286-060, PT65-102 = 286-072, PT65-103 = 286-059,
 PT65-101L508 = 286-096, PT65-103L508 = 286-084, PT65-301 = 286-114,
 PT65-303 = 286-102, PT65-401 = 286-126, PT65-501 = 286-140,
 PT65-503 = 286-138, PT65-106 = 102-647, PT65-121 = 102-659.

	Order Code	Price Each				
		1+	25+	100+	250+	1000+
Horizontal Screwdriver						
BCD	286-060					
BCD complement	286-072					
Hex	286-059					
Hex complement	102-647					
Decimal 4 position	102-659					
Right Angle Screwdriver						
BCD	286-096					
Hex	286-084					
Spindle						
BCD	286-114					
Hex	286-102					
Knurled Wheel						
BCD	286-126					
Segment Wheel						
BCD	286-140					
Hex	286-138					

Sealed PCB Mounting

With Spindles and Segment Wheels
400mA @ 24V dc (non-switching),
150mA @ 24V dc (switching)



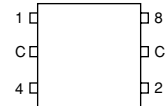
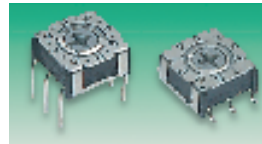
Horizontal cross-head: H = 7, W = 10, D = 10
 Right angle cross-head: H = 10, W = 10, D = 10

- Press-fit activators
 - Choice of two spindle heights
 - Selection of segment wheel colours
- Horizontal and right angle mounted cross-head rotary DIL switches with a variety of spindles and segment wheels to suit.

Head	Order Code	Price Each				
		1+	25+	100+	250+	1000+
Horizontal Cross						
BCD	102-660					
HEX	102-672					
HEX/COMP	102-684					
Right Angle Cross Head						
BCD	102-696					
HEX	102-702					
Spindles						
11.6mm	102-714					
13.3mm	102-726					
Segment Wheels						
Blue	102-738					
Black	102-740					
Green	102-751					
Yellow	102-763					
Red	102-775					

Sealed Through Hole and Surface Mount – P36 Series

400mA @ 24V dc (non-switching), 100mA @ 24V dc (switching)



Connections

PCB pin spacing : 2.54 7.62, H = 3.6
 SMT overall dims. : H = 3.8, W = 9.5, D = 7.4

- Flux sealed and washable
 - High reliability and long life
 - Compact, low profile
 - Positive detent
- Operating voltage 24V dc max.
 Initial contact resistance <250mΩ
 Insulation resistance >100MΩ
- Soldering recommendations :
 Hand soldering (max.) 340°C/2 secs. (40W iron max.)
 Wave soldering (max.) 260°C/10 secs.
- Through hole and surface mount versions
 - BCD (10 position) and hex (16 position) version
- Expected life 10,000 switching ops.
 Operating temperature -30°C to +90°C

Mfrs. List No. P36101 = 607-599, P36103 = 607-605, P36S101 = 607-617, P36S103 = 607-629

	Order Code	Price Each			
		1+	25+	100+	250+
Through hole, BCD	607-599				
Through hole, hex.	607-605				
Surface mount, BCD	SMD 607-617				
Surface mount, hex.	SMD 607-629				

Digital Switches

Truth Tables

Output codes as used in digital and rotary DIL switches.

Binary Coded Decimal (BCD)	Binary Coded Decimal (BCD) Complement	Hexadecimal	Hexadecimal Complement	Decimal
10 Positions	10 Positions	16 Positions	16 Positions	10 Positions

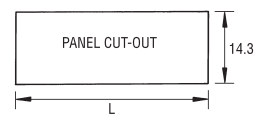
Ultra-Miniature Push Button – PA Series

100mA @ 50V ac/dc



L = (N 7.62)+3.3+(S 2.5) where N = No of switches and S = No of spacers
 Switch: H = 15, W = 7.62, D = 18 (behind panel) (24 including PCB terminals)
 Spacer: H = 15, W = 2.5, D = 18 (behind panel)
 End cheek: H = 15, W = 1.5, D = 18 (behind panel)

- White engraved legends behind perspex window on matt black background
- Panel mounting by means of snap-in end cheeks
- All parts, including spacers and end cheeks, clip together by means of integral pips and lugs



Panel thickness = 1.2 to 4

Contacts Gold plated Operating life 1,000,000 ops
 Contact resistance <0.1Ω Housing material PPO (Noryl)
 Insulation resistance 1000MΩ Operating temperature -20°C to +80°C
 Dielectric strength 500V ac

Mfrs. List No. PAAA3000 = 149-188, PACA3000 = 149-189, PAPA3000 = 149-190, 6090801 = 149-191,
 6090799 = 149-192, 6090803 = 149-193

Output Code	Readout	Order Code	Price Each				
			1+	25+	100+	250+	1000+
Switch Modules							
Decimal	0 – 9	.149-188					
BCD	0 – 9	.149-189					
Single Pole	+/- alt.	.149-190					
Accessories							
LH end cheek		.149-191					
RH end cheek		.149-192					
2.5mm spacer		.149-193					