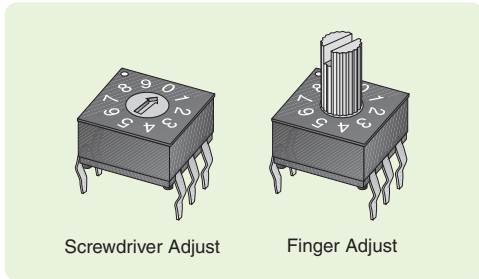


EXCEL type ERD

A range of miniature, through hole, rotary switches with BCD or hexadecimal encoding. Gold plated contacts are housed in blue moulded bodies, flame retardant to UL94V-0. Fully sealed construction. Choice of screwdriver or finger adjustment with optional spindle cover available (coloured white) to aid position identification. Switches supplied in tubes.



- ◆ Through hole terminals
- ◆ BCD or Hexadecimal real codes
- ◆ Option of 8 or 10 position BCD
- ◆ Screwdriver or finger adjust
- ◆ Optional spindle cover aids position identification
- ◆ Flame retardant bodies
- ◆ Fully sealed
- ◆ Body colour Blue

Specification

Contact rating..... Non-switching, 100mA, 50Vdc
 Switching, 25mA, 24Vdc
 Contact resistance..... 100mΩ max. at 5Vdc, 10mA
 Operating force 500g max.
 Insulation resistance 1000MΩ min. at 100Vdc
 Dielectric strength 250Vac for 1 minute

Operating temp. range -25°C to +70°C
 Life expectancy 10,000 cycles min.

Performance tests

Terminal solderability 95% cover after 5 sec at 230°C
 Terminal heat shock..... 260°C for 10 sec, 280°C for 2 sec
 (resistant to IR reflow soldering heat)
 Vibration..... to MIL-STD-202F method 204D

Choice of adjustment method.

SCREWDRIVER ADJUST

Type	Positions	anglia Order Code
BCD	8	447501A
BCD	10	447505A
Hexadecimal	16	447509A

FINGER ADJUST

Type	Positions	anglia Order Code
BCD	8	447515A
BCD	10	447519A
Hexadecimal	16	447525A
Spindle Cover		447500A

CODING TABLE

Position \ Pins	8	4	2	1
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8 pos.				
8	1	0	0	0
9	1	0	0	1
10 pos.				
A	1	0	1	0
B	1	0	1	1
C	1	1	0	0
D	1	1	0	1
E	1	1	1	0
F	1	1	1	1
16 pos.				

COMPLEMENTARY code types are available to special order

Dimensions (mm) & Connections

