

P36 series

Low profile rotary code switches

Surface mount or through-hole



- 3 actuator types
- Save board space
- Highly reliable
- Solder and flux sealed, washable

UG1410A-R1

P36				
SERIES	Mounting	Actuators	Codes	Terminals
	(none) Through-hole S Surface mount	1 Screwdriver 3 Spindle 8 Slotted spindle	01 BCD 02 BCD complement 03 Hexadecimal 06 Hexadec. complement	(none) Straight or SMT V Crimped L254 Right angle, spacing 2,54 (.100)

ELECTRICAL SPECIFICATIONS
<ul style="list-style-type: none"> • Operating voltage : 24 VDC max. • Contact load, static : 400mA max. • Contact load, dynamic : 100mA max. • Initial contact resistance : 100 mΩ max. • Insulation resistance : 100 MΩ min.

MECHANICAL AND THERMAL SPECS
<ul style="list-style-type: none"> • Torque : 0,7 Ncm min. • Expected life : 10.000 cycles min. • Operating temperature : -30°C to +90°C

MATERIALS
<ul style="list-style-type: none"> • Base : UL94-V0, high temperature thermoplastic • Cover : stainless steel • Actuator : PA 4.6 nylon • Contacts : gold over nickel plated phosphor bronze • Terminals : tin plated

SOLDER RECOMMENDATIONS
(DIN CEI 68-2-20)
<ul style="list-style-type: none"> • Manual soldering : 340°C max. for 2 seconds max. • Wave soldering : 280°C max. for 5 seconds max. • Reflow soldering : 260°C max. for 10 seconds max.

PACKAGING		
<p>P36S1.. 1300 pieces per reel (dim.A = 22,4 mm dim B = 16,4 mm)</p>		
<p>P36S3.. P36S8.. 600 pieces per reel (dim.A = 30,4 mm dim B = 24,4 mm)</p>		

- Reels : see above. To order a SMT product with tape & reel packaging, add "TR" at the end of its part number.
- Tubes : 50 pieces (through-hole or SMT) per tube.

Dimensions : first dimensions are in mm while inches are shown as bracketed numbers.

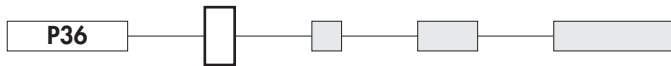
The company reserves the right to change specifications without notice.

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MOUNTING



(none) Through-hole

S Surface mount

ACTUATORS



1 Screwdriver

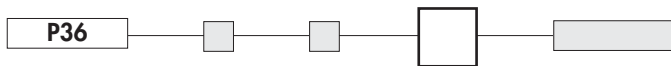
3 Spindle

8 Slotted spindle

Actuator colour depending on codes

BCD red
 BCD compl. orange
 Hexadecimal grey
 Hexadec. compl. white

CODES / TRUTH TABLES



01 BCD

	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●	●		6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9

▲ Position ▲ Marking

02 BCD complement

	C	1	2	4	8	
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●			●	●	3
4	●	●	●		●	4
5	●		●		●	5
6	●	●			●	6
7	●			●	●	7
8	●	●	●	●		8
9	●		●	●		9

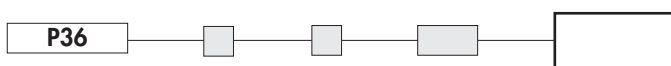
03 Hexadecimal

	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●			●	●	6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9
10	●		●		●	A
11	●	●	●		●	B
12	●			●	●	C
13	●	●		●	●	D
14	●		●	●	●	E
15	●	●	●	●	●	F

06 Hexadecimal complement

	C	1	2	4	8	
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●			●	●	3
4	●	●	●		●	4
5	●		●		●	5
6	●	●			●	6
7	●			●	●	7
8	●	●	●	●		8
9	●		●	●	●	9
10	●	●		●		A
11	●		●		●	B
12	●	●	●		●	C
13	●		●		●	D
14	●	●			●	E
15	●				●	F

TERMINALS



(none) Straight or SMT

V Crimped

L254 Right angle, spacing 2,54 (.100)

