

CKP PLUS ONE ROTARY SWITCH

GENERAL ELECTRICAL & MECHANICAL SPECIFICATION

Switch Rating:	1A @ 24V ac/dc max (250mA per contact max)
Life:	>10,000 Cycles
Operating Temperature:	-30°C to +85 °C
Proof Voltage:	1,500Vac (Initial)
Insulation Resistance:	>999 MΩ at 500Vdc (Initial)
Contact Resistance:	<20 mΩ (initial)
Operating Torque (nominal):	8.6 ± 1 cNm
End Stop Torque (nominal):	0.80 Nm
Moulding Material:	Polyamide 6.6 G.F.
Contact/Terminal Material:	Brass CZ108 Ag Plated

RoHS COMPLIANT



Typical CK image above. Terminals may not be in same positions on required variant.

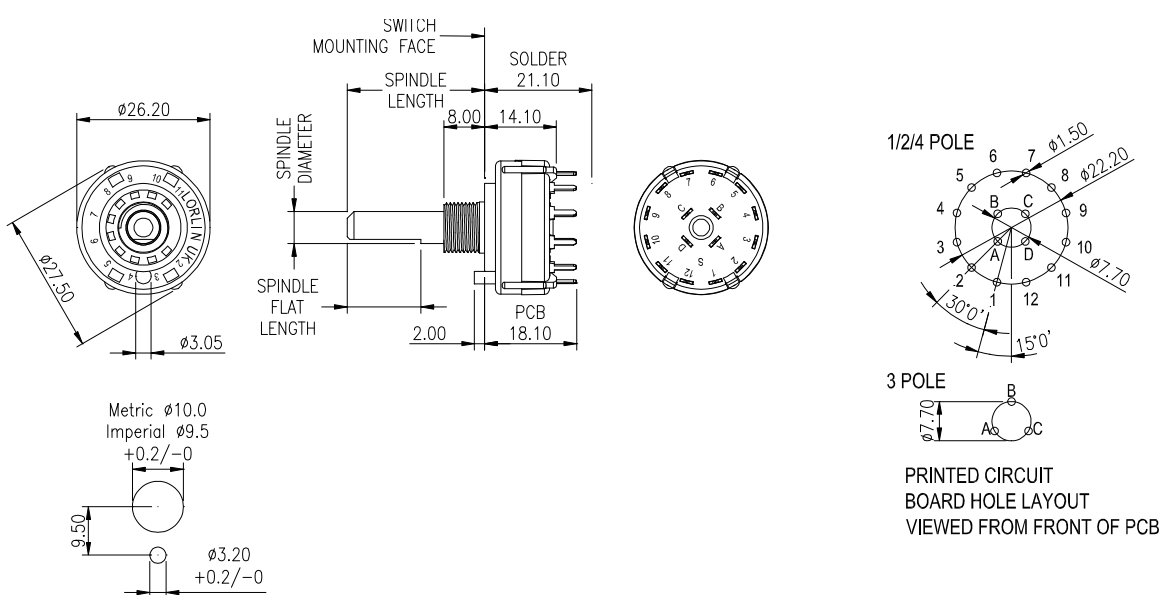
Switch configuration:-

The switch adds extra outputs as rotated eg pos 1 = 1, pos 2 = 1&2, pos 3 = 1&2&3 etc

GENERAL FEATURES & OPTIONS

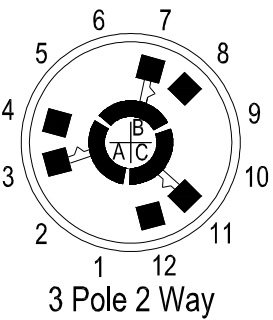
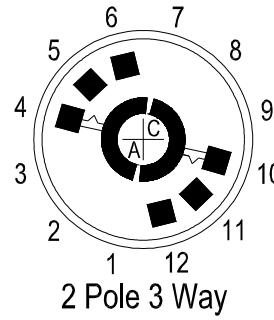
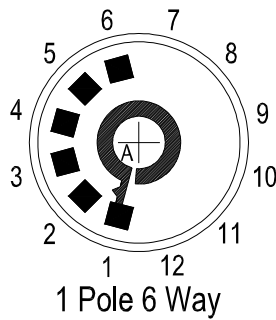
- Made in UK
- Cost effective single wafer switch
- Moulded 27.5mm diameter
- Standard 30° indexing
- Solder or Printed Circuit Board Terminals
- Optional reinforcement ring.
- Shorting (make before break 30° indexing only) contacts.
- Special options: gold flash or gold plated contacts, and spindles with special flats.
- Up to 3 poles per switch
- Maximum 6 positions (1 pole only)

CKP ROTARY SWITCH DIMENSION DETAIL



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30° INDEXING



BASIC PART No.	M-METRIC or I-IMPERIAL	SWITCH POLES	SWITCH OUTPUTS	TOTAL MOVEMENT	INDEXING	NOTES
CKP 3675	SUFFIX M or I	1	6	150°	30°	A/OFF,A1,A1+A2,A1+A2+A3,A1+A2+A3+A4,A1+A2+A3+A4+A5
CKP 3676	SUFFIX M or I	1	6	150°	30°	A1,A1+A2,A1+A2+A3,A1+A2+A3+A4,A1+A2+A3+A4+A5,A1+A2+A3+A4+A5+A6
CKP 3677	SUFFIX M or I	2	4	90°	30°	A/C-OFF,A4 C10,A4+A5 C10+C11
CKP 3678	SUFFIX M or I	2	3	60°	30°	A4 C10,A4+A5 C10+C11,A4+A5+A6 C10+C11+C12
CKP 3679	SUFFIX M or I	3	3	60°	30°	A/B/C-OFF,A3 B7 C11
CKP 3680	SUFFIX M or I	3	2	30°	30°	A3 B7 C11, A3+A4 B7+B8 C11+C12

BASIC TYPES	SPINDLE DIAMETER	SPINDLE LENGTH FROM MOUNTING FACE	8mm LONG BUSH	SPINDLE FLAT LENGTH	ANGLE OF SPINDLE FLAT	SPINDLE FLAT THICKNESS
IMPERIAL	6.35mm	38mm	9.52 x 32TPI	30mm	90°	5.5mm
METRIC	6.00mm	50mm	M10 x 0.75	No Flat	---	---