GENERAL ELECTRICAL & MECHANICAL SPECIFICATION

Switch Rating: 150mA @ 250V ac/dc Life: >10,000 Cycles Operating Temperature: -30°C to +85 °C Proof Voltage: 1,500Vac (Initial)

Insulation Resistance: $>999 \text{ M}\Omega$ at 500Vdc (Initial)

Contact Resistance: Operating Torque (nominal)

Standard 8.6 ± 1 cNm Light Action 3.5 ± 0.5 cNm

 $<20 \text{ m}\Omega$ (initial)

End Stop Torque (nominal): 0.80 Nm

Moulding Material: Polyamide 6.6 G.F.
Contact/Terminal Material: Brass CZ108 Ag Plated

RoHS COMPLIANT

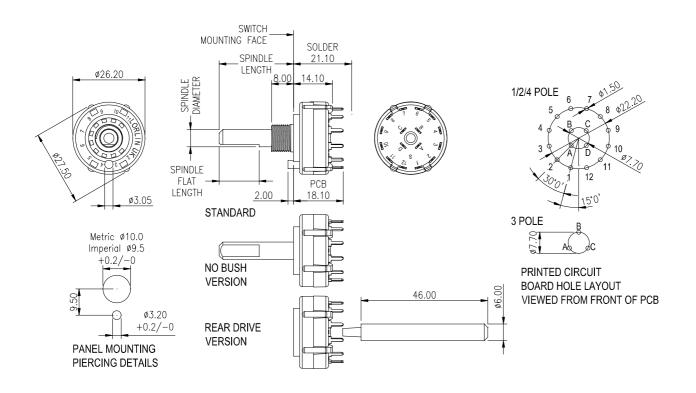


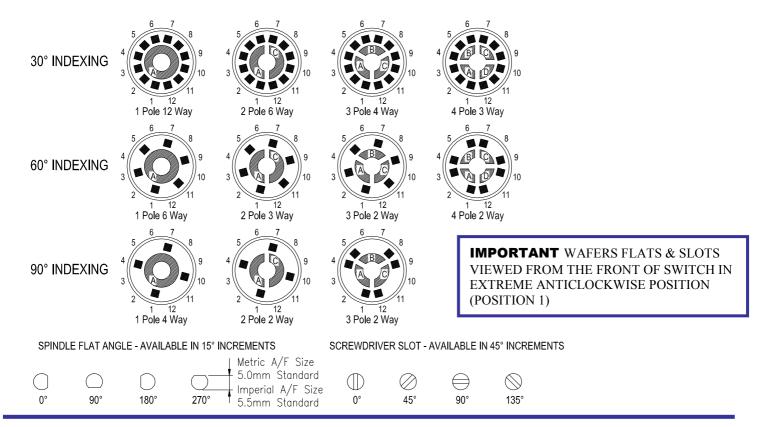
GENERAL FEATURES

- Made in UK
- Cost effective single wafer switch
- o Moulded 27.5mm diameter
- Standard 30° indexing
- Solder or Printed Circuit Board Terminals
- Up to 4 poles per switch

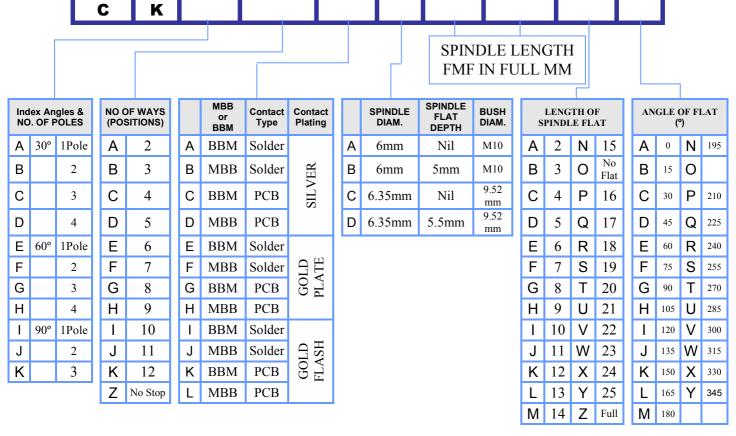
- o Maximum 12 positions
- Shorting (make before break 30° indexing only) or non shorting (break before make) contacts.
- Adjustable stop to restrict number of positions
- Special options: 60° or 90° indexing, continuous rotation,
- Optional reinforcement ring.
- Fixed stop, UL-V0 rated material, gold flashed or gold plated contacts, and spindles with special flats, slots or knurls.
- No Bush versions available
- Rear Drive versions available
- Sealed PCB Termination available

CK ROTARY SWITCH SPECIFICATION SHEET





ORDERING CODE FOR NON-STANDARD SWITCHES



PLEASE COMPLETE THE SPECIFICATION DRAWING IF YOUR REQUIREMENTS CANNOT BE FULLFILLED BY USING THE ORDERING CODE

STANDARD PART NUMBERS

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		

CIRCUITRY AT	PLATING	STANDAF	RD METRIC	STANDARD IMPERIAL	
30° INDEXING	FINISH	Shorting (MBB)	Non-Shorting (BBM)	Shorting (MBB)	Non-Shorting (BBM)
1 POLE 12 POSITION			STOP INCLUDED		,
	Silver	CK1039	CK1029	CK1034	CK1024
Solder Tag	Gold Flash	CK1508	CK1503	CK1516	CK1520
_	Gold Plate	CK2444	CK1672	CK2458	CK2459
	Silver	CK1059	CK1049	CK1054	CK1044
Printed Circuit	Gold Flash	CK1512	CK1506	CK1524	CK1528
	Gold Plate	CK1475	CK1312	CK2460	CK2461
1 POLE 12 POSITION	1	NO S'	TOP CONTINUOUS ROTA	ATION	
Solder Tag	Silver	CK1038	CK1028	CK1033	CK1023
	Gold Flash	CK1533	CK1537	CK1541	CK1545
	Gold Plate	CK2445	CK2446	CK2462	CK2463
Printed Circuit	Silver	CK1058	CK1048	CK1053	CK1043
	Gold Flash	CK1534	CK1538	CK1542	CK1546
	▼Gold Plate	CK2447	CK2448	CK2464	CK2465 ▼
2 POLE 6 POSITION					
Solder Tag	Silver	CK1040	STOP INCLUDED CK1030	CK1035	CK1025
Bolder Tug	Gold Flash	CK1509	CK1496	CK1517	CK1521
	Gold Plate	CK2449	CK1726	CK2466	CK2467
Printed Circuit	Silver	CK1060	CK1050	CK1055	CK1045
Timed Circuit	Gold Flash	CK1513	CK1473	CK1525	CK1529
	Gold Plate	CK2450	CK1850	CK2468	CK2469
2 POLE 6 POSITION	Jennes		TOP CONTINUOUS ROTA		CK240)
Solder Tag	Silver	CK1114	CK1118	CK1120	CK1121
	Gold Flash	CK1535	CK1539	CK1543	CK1547
	Gold Plate	CK2451	CK2452	CK2470	CK2471
Printed Circuit	Silver	CK1119	CK1113	CK1122	CK1089
Timica Circuit	Gold Flash	CK1119 CK1536	CK1540	CK1544	CK1548
	▼Gold Plate	CK1330 CK2453	CK2454	CK2472	CK1348 ▼
3 POLE 4 POSITION	▼ Gold I late	CK2433	STOP INCLUDED	CR24/2	CR24/3 V
Solder Tag	Silver	CK1041	CK1031	CK1036	CK1026
Solder Tag	Gold Flash	CK1041 CK1510	CK1504	CK1030	CK1020
	Gold Plate	CK1310 CK2455	CK1577	CK2474	CK2475
Printed Circuit	Silver	CK2433 CK1061	CK1051	CK2474 CK1056	CK2473 CK1046
Printed Circuit	Gold Flash	CK1061 CK1514	CK1500	CK1036 CK1526	CK1046 CK1530
	Gold Plate	CK1314 CK2456	CK1952	CK1326 CK2476	CK1330 CK2477
4 DOLE 2 DOCUTION	Gold Plate	CK2450	· · · · · · · · · · · · · · · · · · ·	CK2476	CK24//
4 POLE 3 POSITION	GTI .	CV1042	STOP INCLUDED	CK1027	CV1027
Solder Tag	Silver	CK1042	CK1032	CK1037	CK1027
	Gold Flash	CK1511	CK1505	CK1519	CK1523
D: 4 10: '	Gold Plate	CK1673	CK1822	CK2478	CK2479
Printed Circuit	Silver	CK1062	CK1052	CK1057	CK1047
	Gold Flash	CK1515	CK1507	CK1527	CK1531
	Gold Plate	CK2457	CK1953	CK2480	CK2481

SPECIFICATION SHEET

