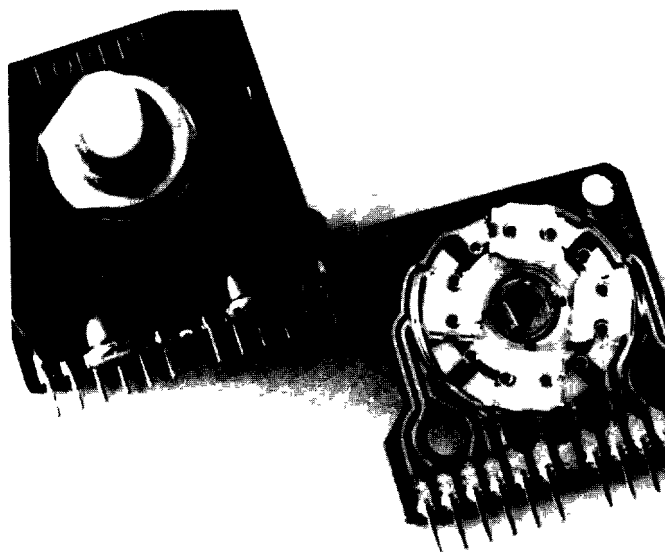


LORLIN



- Made in U.K.
- Multi-wafer PCB switch
- Standard indexing 30°
- PC terminals on 2.54mm pitch
- Shorting (with 30° indexing) or non-shorting contacts
- Standard insulated spacers (5mm/6.35mm/7.63mm/10.16mm)
- Special options include:-
36°, 60° or 90° indexing, continuous rotation, gold-flashed or gold-plated contacts (2.5 microns gold over 2 microns nickel), variable stop and/or housing base mounting with brass fixing bush, spindles with special flats, slots or knurls, non-standard wafer spacers

GENERAL ELECTRICAL AND MECHANICAL SPECIFICATION

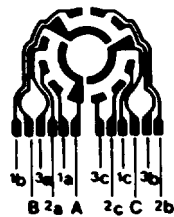
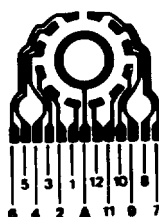
Maximum working voltage	250V AC/DC resistive load
Proof voltage	1000 RMS min at sea level
Current carrying capacity	2A (non-switching)
Contact rating	500mA 250V AC/DC
Insulation resistance (minimum)	500 Megohms (Min)
Contact resistance	50 milliohms (Max)
Operating temperature	-30°C to +85°C
Life	Greater than 10,000 cycles

Standard Part Numbers FOR SINGLE WAFER PT SWITCHES

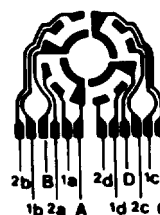
BASIC TYPES	A	B	C	D	E	F
	Spindle Diameter	Spindle Length From Mounting Face	8mm long Bush	Spindle Flat Length	Angle of Spindle Flat	Spindle Flat Thickness
Imperial	6.35mm	50mm	095 x 32 TPI	NO FLAT	—	(5.5mm)
Metric	6.0mm	50mm	M10 x 0.75	NO FLAT	—	(5.0mm)

CIRCUITRY AT 30° INDEXING	STANDARD METRIC		STANDARD IMPERIAL	
	Shorting	Non Shorting	Shorting	Non Shorting
1 pole 12 positions	PT6034	PT6003	PT6172	PT6015
1 pole 12 PSN'S - No-stop	PT6033	PT6002	PT6473	PT6014
2 pole 5 positions	PT6035	PT6004	PT6474	PT6016
3 pole 3 positions	PT6036	PT6005	PT6475	PT6017
4 pole 2 positions	PT6037	PT6006	PT6476	PT6018
Circuitry at 36° indexing 1 pole 10 positions	—	PT6461	—	PT6462

Operating torque (nominal)	Standard 7 Ncm Heavy action 25 Ncm
End stop torque (minimum)	1.13 Nm
Wafer circuit board	Epoxy glass fibre
Housing/Bush	Flame retardant polyester
Spindle	Acetal copolymer
Moving contact	Silver plated phosphor bronze
P.C. track	Silver over nickel
Terminals	Tin-plated brass
Contact Carrier	Polycarbonate

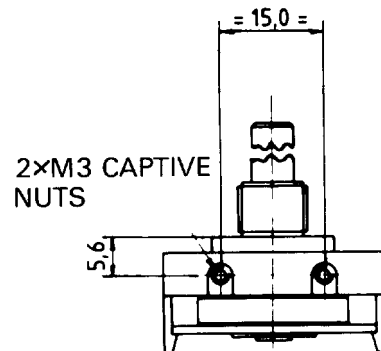
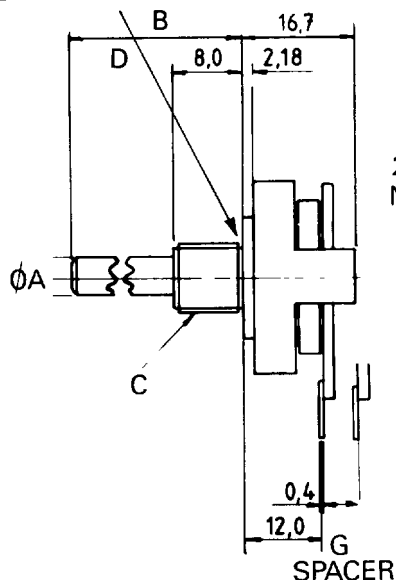


1 pole 12 way 30° 2 pole 5 way 30° 3 pole 3 way 30°



4 pole 2 way 30° 1 pole 10 way 36°

PC Terminal Layouts viewed from Knob End of Spindle



BASE MOUNTING OPTION.
NECESSARY SPACERS AND
SCREWS ARE SUPPLIED WHEN
THIS OPTION IS SPECIFIED.



0°



90°



180°



No of Poles	Indexing Angle	Maximum No of Positions (ways) Per Wafer			
		30°	36°	60°	90°
1	12° NO STOPS	10	6	4	
2	5	-	3	2	
3	3	-	2	OFF-ON	
4	2	-	OFF-ON	-	

[illegible]

NUMBER OF WAFERS				INDEX ANGLE AND NO OF POLES		NO OF WAYS (POSITIONS)		Moulded Spacers Between Wafers		Spindle Length FMF in Full MM INCL 8mm Bush			LENGTH OF SPINDLE FLAT				ANGLE OF FLAT			
A	1	M	11	A	30°	1 Pole	A	2	A = 5.0mm Dim B = 2.35mm C = 7.62mm D = 10.16mm X = SPECIAL	SPINDLE Ø SPINDLE DEPTH BUSH Ø	A 6mm Nil MID B 6mm 5mm MID C 6.35mm Nil 9.52 D 6.35mm 5mm 9.52 X Special		A	3mm	N	16mm	A	0°	N	195°
B	2	N	12	B		2	B	3					B	4	P	17	B	15°	P	210°
C	3	P	13	C		3	C	4					C	5	Q	18	C	30°	Q	225°
D	4	R	14	D		4	D	5					D	6	R	19	D	45°	R	240°
E	5	S	15	E	60°	1 Pole	E	6					E	7	S	20	E	60°	S	255°
F	6	T	16	F		2	F	7					F	8	T	21	F	75°	T	270°
G	7	U	17	G		3	G	8	MBB OR BBM CONTACT PLATING A BBM Silver B MBB Plate C BBM Gold D MBB Plate E BBM Gold F MBB Flash X SPECIAL				G	9	U	22	G	90°	U	285°
H	8	V	18	H		4	H	9					H	10	V	23	H	105°	V	300°
K	9	W	19	I	90°	1 Pole	I	10					I	11	W	24	I	120°	W	315°
L	10	X	Special	J		2	J	11					J	12	X	No Flat	J	135°	X	No Flat
				K		3	K	12					K	13			K	150°	Y	330°
				L	36°	1 Pole	L	Off/On					L	14			L	165°	Z	345°
				X	Special		X	Special	M				15	Z	Special	M	180°			