

CATALOGUE DATA

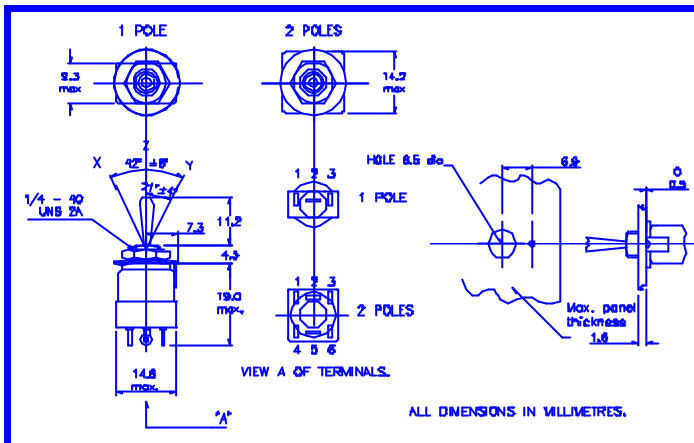
DOUBLE POLE.

FINISH	TYPE No. - GOLD CONTACTS			FUNCTION	BIAS RETURNS LEVER FROM	CONNECTIONS WITH LEVER AT POSITION			OPERATING FORCE (N)	
	RIGHT ANGLED CONTACTS	SOLDER LUGS	STRAIGHT CONTACTS			X	Z	Y	MAX	MIN
PASSIVATED	15201	17201	19201	ON - OFF - ON	-	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	12	2
	15202	17202	19202	ON - OFF - ON	X and Y to Z	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	17	6
	15203	17203	19203	ON - OFF - ON	Y to Z	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	17	2
	15204	17204	19204	ON - NONE - ON	-	2 - 3 & 5 - 6	-	1 - 2 & 4 - 5	12	2
	15205	17205	19205	ON - OFF - NONE	-	2 - 3 & 5 - 6	OFF	-	12	2
	15206	17206	19206	NONE - OFF - ON	Y to Z	-	OFF	1 - 2 & 4 - 5	17	6
	15207	17207	19207	ON - NONE - OFF	-	2 - 3 & 5 - 6	-	OFF	12	2
	15208	17208	19208	NONE - ON - ON	Y to Z	-	2 - 3 & 5 - 6	1 - 2 & 4 - 5	17	6
	15209	17209	19209	ON - ON - ON	-	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	12	2
	15210	17210	19210	ON - ON - ON	Y to Z	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	17	2
	15211	17211	19211	ON - ON - ON	X and Y to Z	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	17	6
MATT BLACK	15301	17301	19301	ON - OFF - ON	-	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	12	2
	15302	17302	19302	ON - OFF - ON	X and Y to Z	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	17	6
	15303	17303	19303	ON - OFF - ON	Y to Z	2 - 3 & 5 - 6	OFF	1 - 2 & 4 - 5	17	2
	15304	17304	19304	ON - NONE - ON	-	2 - 3 & 5 - 6	-	1 - 2 & 4 - 5	12	2
	15305	17305	19305	ON - OFF - NONE	-	2 - 3 & 5 - 6	OFF	-	12	2
	15306	17306	19306	NONE - OFF - ON	Y to Z	-	OFF	1 - 2 & 4 - 5	17	6
	15307	17307	19307	ON - NONE - OFF	-	2 - 3 & 5 - 6	-	OFF	12	2
	15308	17308	19308	NONE - ON - ON	Y to Z	-	2 - 3 & 5 - 6	1 - 2 & 4 - 5	17	6
	15309	17309	19309	ON - ON - ON	-	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	12	2
	15310	17310	19310	ON - ON - ON	Y to Z	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	17	2
	15311	17311	19311	ON - ON - ON	X and Y to Z	2 - 3 & 5 - 6	1 - 2 & 5 - 6	1 - 2 & 4 - 5	17	6

CATALOGUE DATA

SINGLE POLE.

FINISH	TYPE No. - GOLD CONTACTS			FUNCTION	BIAS RETURNS LEVER FROM	CONNECTIONS WITH LEVER AT POSITION			OPERATING FORCE (N)	
	RIGHT ANGLED CONTACTS	SOLDER LUGS	STRAIGHT CONTACTS			X	Z	Y	MAX	MIN
PASSIVATED	14201	16201	18201	ON - OFF - ON	-	2 - 3	OFF	1 - 2	12	1
	14202	16202	18202	ON - OFF - ON	X and Y to Z	2 - 3	OFF	1 - 2	17	4
	14203	16203	18203	ON - OFF - ON	Y to Z	2 - 3	OFF	1 - 2	17	1
	14204	16204	18204	ON - NONE - ON	-	2 - 3	-	1 - 2	12	1
	14205	16205	18205	ON - OFF - NONE	-	2 - 3	OFF	-	12	1
	14206	16206	18206	NONE - OFF - ON	Y to Z	-	OFF	1 - 2	17	4
	14207	16207	18207	ON - NONE - OFF	-	2 - 3	-	OFF	12	1
	14208	16208	18208	NONE - ON - ON	Y to Z	-	2 - 3	1 - 2	17	4
MATT BLACK	14301	16301	18301	ON - OFF - ON	-	2 - 3	OFF	1 - 2	12	1
	14302	16302	18302	ON - OFF - ON	X and Y to Z	2 - 3	OFF	1 - 2	17	4
	14303	16303	18303	ON - OFF - ON	Y to Z	2 - 3	OFF	1 - 2	17	1
	14304	16304	18304	ON - NONE - ON	-	2 - 3	-	1 - 2	12	1
	14305	16305	18305	ON - OFF - NONE	-	2 - 3	OFF	-	12	1
	14306	16306	18306	NONE - OFF - ON	Y to Z	-	OFF	1 - 2	17	4
	14307	16307	18307	ON - NONE - OFF	-	2 - 3	-	OFF	12	1
	14308	16308	18308	NONE - ON - ON	Y to Z	-	2 - 3	1 - 2	17	4



General Information

These Miniature switches have been designed for light power and dry circuit applications. They are very robust, highly reliable design and the mechanical linkage between the actuators and moveable contact member ensure a positive make and break action.

Contacts have a wiping action and are gold plated suitable for dry circuit conditions *provided that they are not previously used or tested at currents and voltages in excess of 0.1A 6Vdc.*

Standard specification includes lever and panel seals, lock washer and fixing nuts. These switches are also available with matt black levers and bushes. The recommended method for terminal soldering is fully described in engineering data sheet LA1. The switches are also available with straight or right angled printed circuit terminals for direct fitting into the printed circuit board.

Characteristics

Electrical.

Voltage	Current	Volt/amp	Type of load
30Vdc. max.	5 A max.	150	Resistive
125 Vrms. max.	2 A max.	250	Non-reactive
5 mVdc. min.	25µA min.	125 x 10 ⁻⁹	Resistive
Proof Voltage:	500 Vrms		
Insulation resistance:	Initial, greater than 100 megohms.		
Contact resistance:	Initial, not greater than 5 milliohms measured at 10m Vrms. 10mA max.		

Mechanical.

Environmental category:	40/85/21
Endurance:	5,000 cycles.
Weight:	single pole. 4.2 grms double pole. 5.7 grms
Operating / storage temperature range:	-40° to +85°C.
Sealing (max. leakage rate)	1 cm ³ /h at 100 kN/m ² to 110kN/m ²

Materials.

Contacts:	Silver on copper bimetal, gold plated
Terminals:	Gold Plated Silver.
ON-ON-ON Circuit	Fine Silver Fine Silver, gold plated
Housing bush, lever and washer:	Stainless Steel.
Nut:	Brass, Nickel plated.
Insulation:	Nylon filled phenolic.