


# MINIATURE SWITCHES

## V3 Type Microswitches 5A, 10A & 15A

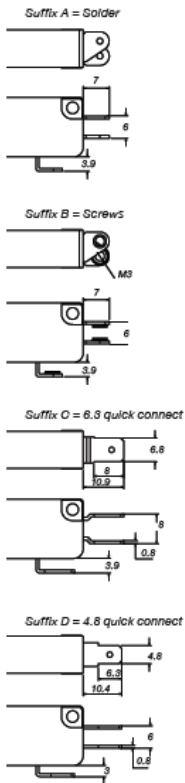
- Rating 5A ,10A & 15A switching S.P.D.T. (15A to order)
- Coil spring mechanism
- 6.3mm (.250), 4.8mm (.187) quick connect solder & screw terminals
- Button, lever or roller actuators
-  approved



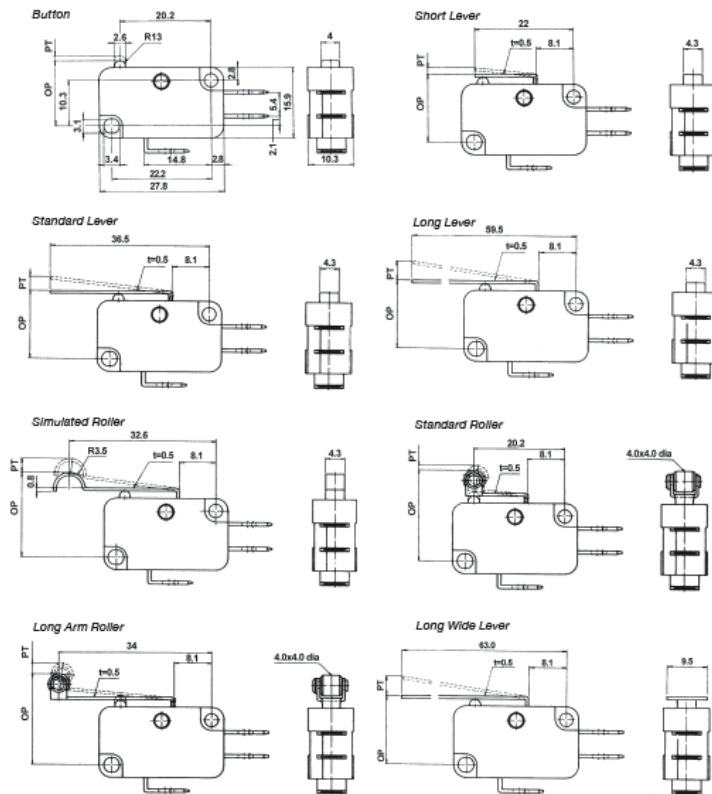
SPECIFICATION		
Rating	CSM31000	10A/250VAC
	CSM30500	5A/250VAC
Contact resistance	30mΩ max	
Insulation strength	100MΩ min/500VAC	
Electrical Life	50,000 operations min	
Temperature range	-10°C to +105°C	
Material	Case	Bakelite
	Button	Stainless steel
	Actuator	AgNi10-Cu
	Contacts	Silver Plated Brass
Terminal	10A	6.3mm quick connect as standard
	5A	4.8mm quick connect as standard

15A	10A	5A	ACTUATOR STYLE	OPERATING FORCE MAX	RELEASE FORCE MAX	OPERATING POSITION	PRE TRAVEL MAX	MOVEMENT DIFFERENTIAL	OVER TRAVEL MIN
CSM31500-	CSM31000-	CSM30500-	Button	3N	0.7N	14.9 ± 0.4mm	1.4mm	0.4mm	1mm
CSM31510-	CSM31010-	CSM30510-	Short Lever	3N	0.7N	15.8 ± 0.5mm	1.4mm	0.5mm	1mm
CSM31520-	CSM31020-	CSM30520-	Standard Lever	0.7N	0.15N	16.3 ± 1.2mm	4mm	1mm	2mm
CSM31530-	CSM31030-	CSM30530-	Long Lever	0.25N	0.05N	17.2 ± 2.5mm	8mm	2mm	4mm
CSM31531-	-	CSM30531-	Long Wide Lever	0.25N	0.07N	17.2 ± 2.5mm	8mm	2mm	4mm
CSM31540-	CSM31040-	CSM30540-	Simulated Roller	1.05N	0.2N	19.5 ± 1.2mm	4mm	1mm	2mm
CSM31550-	CSM31050-	CSM30550-	Standard Roller	3.2N	0.6N	21.4 ± 0.6mm	1.4mm	0.4mm	1mm
CSM31560	CSM31060-	CSM30560-	Long Arm Roller	0.8N	0.15N	21.4 ± 1.2mm	4mm	1mm	2mm

### Types of Terminal:



### Types of Actuator:



CSM310 Series replaces CMMS4 Series, example CSM31000C replaces CMMS4000C  
 CSM305 Series replaces CMNS2 Series, example CSM30520D replaces CMNS2020D



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