

### MULTISTEP SWITCHES WITH OFF

Multi-Step Switches, also called Pole-Way Switches, are available with OFF and without OFF.

Multi-Step Switches connect different circuits to a common supply or vice-versa. Multi-Step Switches with 1 pole, 2 poles and 3 poles are popular for 1 phase, 2 phase and 3 phase supply.

**Applications :** As Tap Changing Switch for Transformer/Stabiliser and other special application circuits.

PROG NO.	DESCRIPTION	SCRIPT PLATE MARKING/ OPERATING QUADRANT	CONNECTING DIAGRAM/ TERMINAL MARKING	NO. OF STAGES
SP 61059	1 Pole - 2 Way	<b>2 WAY</b> 	 <b>1 to 4 pole</b>	1
SP 61079	2 Pole - 2 Way			2
SP 61099	3 Pole - 2 Way			3
SP 61130	4 Pole - 2 Way			4
SP 61060	1 Pole - 3 Way	<b>3 WAY</b> 	 <b>1 to 4 pole</b>	2
SP 61080	2 Pole - 3 Way			3
SP 61100	3 Pole - 3 Way			5
SP 61131	4 Pole - 3 Way			6
SP 61061	1 Pole - 4 Way	<b>4 WAY</b> 	 <b>1 to 4 pole</b>	2
SP 61081	2 Pole - 4 Way			4
SP 61101	3 Pole - 4 Way			6
SP 61132	4 Pole - 4 Way			8
SP 61062	1 Pole - 5 Way	<b>5 WAY</b> 	 <b>1 to 3 pole</b>	3
SP 61082	2 Pole - 5 Way			5
SP 61102	3 Pole - 5 Way			8
SP 61063	1 Pole - 6 Way	<b>6 WAY</b> 	 <b>1 to 3 pole</b>	3
SP 61083	2 Pole - 6 Way			6
SP 61103	3 Pole - 6 Way			9
SP 61064	1 Pole - 7 Way	<b>7 WAY</b> 	 <b>1 to 2 pole</b>	4
SP 61084	2 Pole - 7 Way			7
SP 61065	1 Pole - 8 Way	<b>8 WAY</b> 		4
SP 61066	1 Pole - 9 Way	<b>9 WAY</b> 		5
SP 61067	1 Pole - 10 Way	<b>10 WAY</b> 		5
SP 61068	1 Pole - 11 Way	<b>11 WAY</b> 		6

Feasible ampere rating for S, TP : 6, 10, 16, 20, 25, 32, 40 and 63 Amps.

MULTISTEP SWITCHES WITHOUT OFF

PROG NO.	DESCRIPTION	SCRIPT PLATE MARKING/ OPERATING QUADRANT	CONNECTING DIAGRAM/ TERMINAL MARKING	NO. OF STAGES
SP 61049	1 Pole - 3 Way	<b>3 WAY</b>  	 <b>1 to 6 pole</b>	2
SP 61069	2 Pole - 3 Way			3
SP 61089	3 Pole - 3 Way			5
SP 61120	4 Pole - 3 Way			6
SP 61124	5 Pole - 3 Way			8
SP 61126	6 Pole - 3 Way			9
SP 61050	1 Pole - 4 Way	<b>4 WAY</b>  	 <b>1 to 4 pole</b>	2
SP 61070	2 Pole - 4 Way			4
SP 61090	3 Pole - 4 Way			6
SP 61121	4 Pole - 4 Way			8
SP 61051	1 Pole - 5 Way	<b>5 WAY</b>  	 <b>1 to 4 pole</b>	3
SP 61071	2 Pole - 5 Way			5
SP 61091	3 Pole - 5 Way			8
SP 61122	4 Pole - 5 Way			10
SP 61052	1 Pole - 6 Way	<b>6 WAY</b>  	 <b>1 to 3 pole</b>	3
SP 61072	2 Pole - 6 Way			6
SP 61092	3 Pole - 6 Way			9
SP 61053	1 Pole - 7 Way	<b>7 WAY</b>  	 <b>1 to 3 pole</b>	4
SP 61073	2 Pole - 7 Way			7
SP 61093	3 Pole - 7 Way			11
SP 61054	1 Pole - 8 Way	<b>8 WAY</b>  	 <b>1 to 3 pole</b>	4
SP 61074	2 Pole - 8 Way			8
SP 61094	3 Pole - 8 Way			12
SP 61055	1 Pole - 9 Way	<b>9 WAY</b>  	 	5
SP 61056	1 Pole - 10 Way	<b>10 WAY</b>  	 	5
SP 61057	1 Pole - 11 Way	<b>11 WAY</b>  	 	6
SP 61058	1 Pole - 12 Way	<b>12 WAY</b>  	 	6

Multistep Switches without Jumper

SP 61649	1 Pole - 3 Way Without Off Without Jumper	<b>4 WAY</b>  	 	3
SP 61650	1 Pole - 4 Way Without Off Without Jumper	<b>4 WAY</b>  	 <b>1 to 2 pole</b>	2
SP 61670	2 Pole - 4 Way Without Off Without Jumper			4

Feasible ampere rating for S, TP : 6, 10, 16, 20, 25, 32, 40 and 63 Amps.

**Instrumentation Selector Switches**

The Instrumentation Selector Switches help to :

- Measure currents in different circuits with a current transformer, a single ammeter and a switch.
- Measure voltages between phases and phase and neutral with one voltmeter and a switch.
- Measure voltages and currents of a circuit with one voltmeter, one ammeter and a single switch

**Voltmeter Selector Switches**

PROG NO.	DESCRIPTION	SCRIPT PLATE MARKING/ OPERATING QUADRANT	CONNECTING DIAGRAM/ TERMINAL MARKING	NO. OF STAGES
SP 61312	3 ph Line to Line			2
SP 61313	3 ph Line to Line & Line to Neutral			3
SP 61314	3 ph Line to Line, Line to Neutral & Without Off			3
SP 61311	3 ph Line to Neutral			2

Feasible ampere rating for S, TP : 6, 10, 16 and 20 Amps.

**Ammeter Selector Switches**

PROG NO.	DESCRIPTION	SCRIPT PLATE MARKING/ OPERATING QUADRANT	CONNECTING DIAGRAM/ TERMINAL MARKING	NO. OF STAGES
SP 61325	1 Pole - 3 Transformer with OFF			3

Feasible ampere rating for S, TP : 6, 10, 16 and 20 Amps.