

SL-CP65/66/67

Main Switches

Nomenclature

Use as Control Switch



SL-CP67 - □ / □ □ □ □ □ □

- Case category
- Mounting method
- Earthing terminal
- Neutral terminal
- Auxiliary contact
- Pole
- Rated current
- Load circuit breaker

Application

SL-CP67 main switches conform to IEC60974-3. They meet the requirements of disconnectors, main switch and maintenance switch which is suitable for ventilation, air-conditioning, water pump system, industrial unitized device, safety isolation and other distribution switches.

Working Condition

Recommended Ambient temperature -5℃ to 40℃

Installation altitude: ≤2000m

Relative atmosphere humidity does not exceed 50% when the highest temperature is +40℃. At lower temperature, higher humidity can be allowed. For example, humidity can reach 90% when temperature is 20℃. Special measures should be taken when the congealed dew appears on the surface caused by the change of temperature.

Characteristic

□ Reliability

The breaking contact of switch has long insulation, reaching 13-14mm that far more than safety requirement of VDE0113. In most cases, our switch's safety rating surpass most existing switches.

□ Flexible Mounting

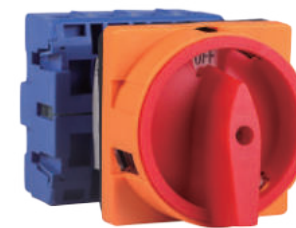
The switches are both suitable for panel mounting and base mounting. Base mounting can be installed conveniently and safely with screw and 35mm Din Rail. This switch system owns the largest flexibility and adaptability. We need not remove switch when adding attached contactor and neutral terminal.

□ Convenient Mounting

Built-in screw can avoid the trackslip in doing manual operation, enabling air operated and power-driven tool to give full play to their performance, ensuring the safety and speed of mounting.

Parameter

Controlled current or power Type	Using category	IEC/BS/VDE Rated nominal value					
		Thermal current(I _{th})	Resistance load(AC21)	AC23 Occasionally changover motor or high inductance load		AC3 Direct online start motor	
				3x220~240V	3x380~440V	3x220~240V	3x380~440V
SL-CP67-25		25A	25A	4kW	7.5kW	3kW	5.5kW
SL-CP67-32		32A	32A	5.5kW	11kW	4kW	7.5kW
SL-CP67-40		40A	40A	7.5kW	15kW	73.5kW	11kW
SL-CP67-63		63A	63A	11kW	22kW	11kW	12.5kW
SL-CP67-80		80A	80A	18.5kW	30kW	15kW	22kW
SL-CP67-100		100A	100A	22kW	73kW	18.5kW	30kW



Attention:

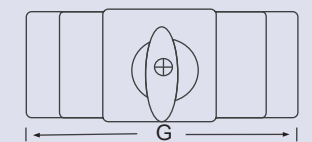
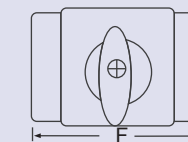
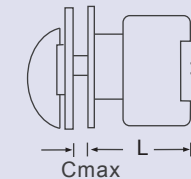
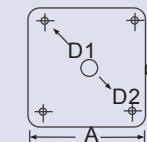
>With adjustable rotation shaft, max length-200mm

>Above types all belong to grounding type

>P-pole, N- neutral, E-grounding terminal

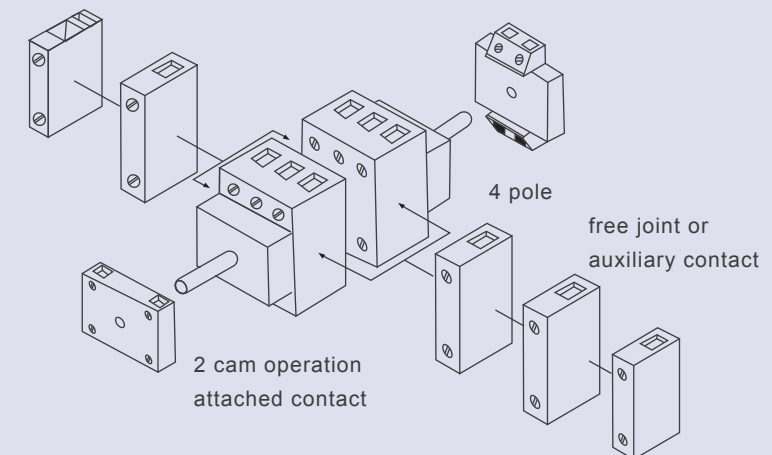
>All above type can chose accessories; side-mounting auxiliary contact, top- mounting auxiliary contact, protective cover, pad-lock handle, door inter-lock and etc.

Dimension and Mounting



2 grounding or auxiliary contact

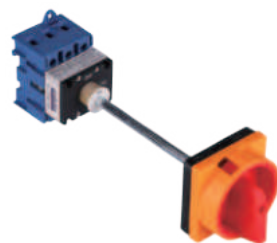
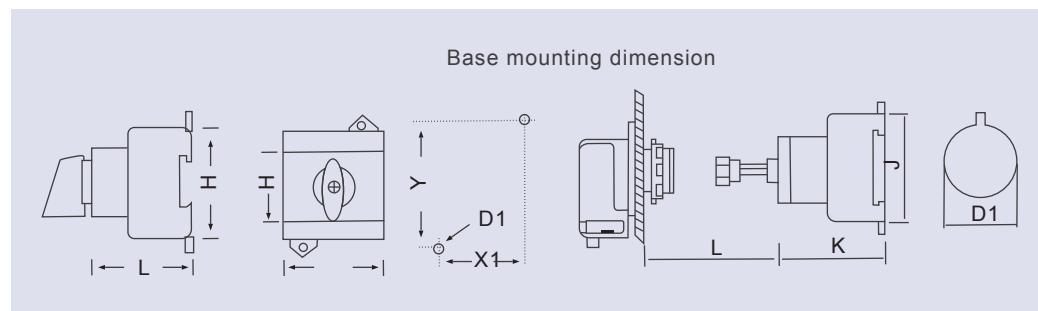
2 cam operation auxiliary contact



Parameter



Switch	Type	Pole	B	D1	F	H	L	X1	Y
SL-CP67-25/CP67-32	On-Off	3pole	44	4	46	54	52	22	60
SL-CP67-40/CP67-63	On-Off	3pole	45	4	53	64	59	25	70
SL-CP67-80/CP67-100	On-Off	3pole	45	5.5	70	80	65	25	90



Switch	Type	Pole	A	B	Cam	D ¹	D ²	F	G	H	Lmin	Lmax	X ¹	X ²	Y
SL-CP65-25 SL-CP65-32	On-Off	3pole	64	48	4	4	22	42	-	54	106	176	22	-	60
	On-Off	4pole	64	48	4	4	22	56	-	54	106	176	22	-	60
	On-Off	3pole+N	64	48	4	4	22	56	-	54	106	176	22	-	60
	On-Off	3pole+N+E	64	48	4	4	22	69	-	54	106	176	22	-	60
	On-Off	6pole	64	48	4	4	22	-	84	54	103	183	32	22	60
SL-CP65-40 SL-CP65-63	On-Off	3pole	64	48	4	4	22	50	-	64	123	193	25	-	70
	On-Off	4pole	64	48	4	4	22	66	-	64	123	193	25	-	70
	On-Off	3pole+N	64	48	4	4	22	66	-	64	123	193	25	-	70
	On-Off	3pole+N+E	64	48	4	4	22	82	-	64	123	193	25	-	70
	On-Off	6pole	64	48	4	4	22	-	100	64	126	196	50	25	70
SL-CP65-80 SL-CP65-100	On-Off	3pole	64	48	4	5.5	22	70	-	80	126	198	25	-	90
	On-Off	4pole	64	48	4	5.5	22	92	-	80	126	198	25	-	90
	On-Off	3pole+N+E	64	48	4	5.5	22	104	-	80	126	198	25	-	90
	On-Off	6pole	88	68	4	5.5	22	-	140	80	137	209	70	25	90

Padlock

Specification	Dimension(mm)			
	D1	K	Lmin	Lmax
CP65-20	30.5	50	21	100
CP65-32	30.5	50	21	100
CP65-40	30.5	61	22	100
CP65-63	30.5	61	22	100
CP65-80	30.5	68	23	100
CP65-100	30.5	68	23	100

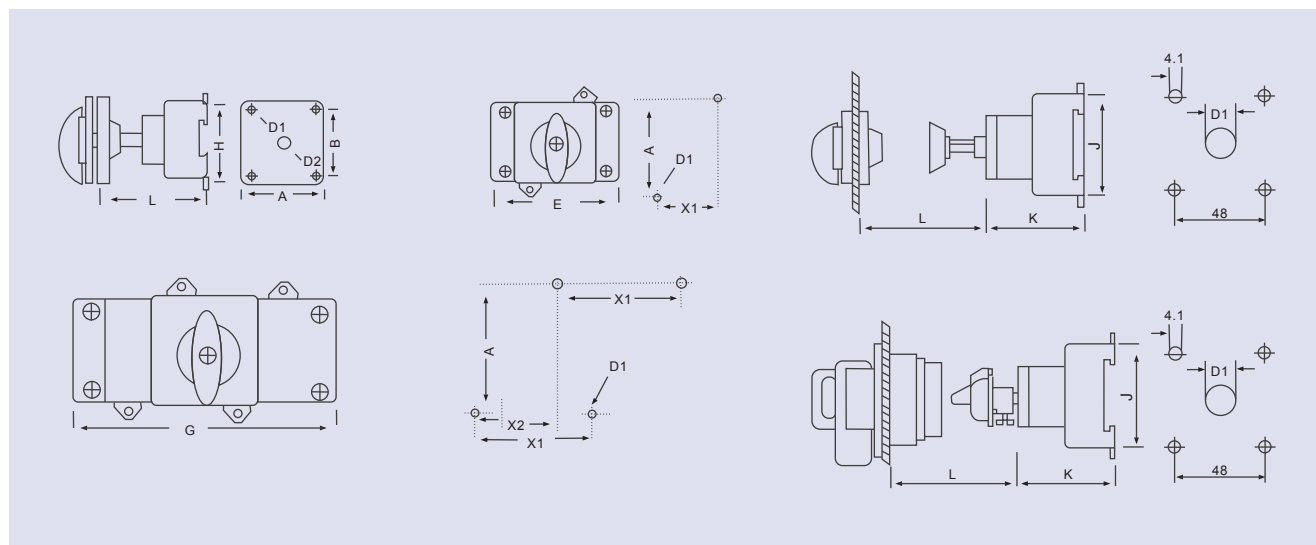
Lock

Specification	Dimension(mm)			
	D1	K	Lmin	Lmax
CP65-40	39	61	61.6	118
CP65-63	39	61	61.6	118
CP65-80	39	68	61.5	118
CP65-100	39	68	61.5	118

Panel

Specification	Dimension(mm)			
	D1	K	Lmin	Lmax
CP65-20	22	50	32	118
CP65-32	22	50	32	118
CP65-40	22	61	32	118
CP65-63	22	61	32	118
CP65-80	22	68	32	118
CP65-100	22	68	32	118

Base Mounting Dimension



SL-CP66

Enclosed Main Switch



Main Technical Data

Types and specs	Outline dimension (mm)				Installation dimension (mm)	
	P	N	M	C	A1	A2
SL-CP66-20	125	100	85	35	60	115
SL-CP66-25	125	100	85	35	60	115
SL-CP66-32	175	114	100	35	60	165
SL-CP66-40	175	114	100	35	60	165
SL-CP66-63	240	160	120	45	142	193
SL-CP66-100	240	160	120	45	142	193

Outline and Installation Dimensions

