



SL-CP68

Isolator switch

Production description

□ SL-CP68 series load- isolation switch is applied in the circuit of AC 50Hz ,rated voltage 400V or below, and rated current to Max 16A~3150A. It is used to connect and break circuit by not- frequent manual operation. In addition, product with 690V is only used to electrical isolation.

□ Standard: GB14048.3 and IEC60947-3



Features

- The switch adopts the acceleration closing mechanism in which the spring energy storage is in place and the quick instantaneous release, and the contact structure of the parallel double- break point at the same time, which greatly improves the electrical performance and mechanical performance of the switch.
- The switch conductive parts are installed in an insulating base made of glass fiber reinforced unsaturated polyester molding compound: the operation mode is : manual operation handle operation, high dielectric property, protection ability and reliable operation safety.
- The switch has 3poles , 4poles (3poles +adjustable neutral pole).

Normal Working Environment and Installation Conditions

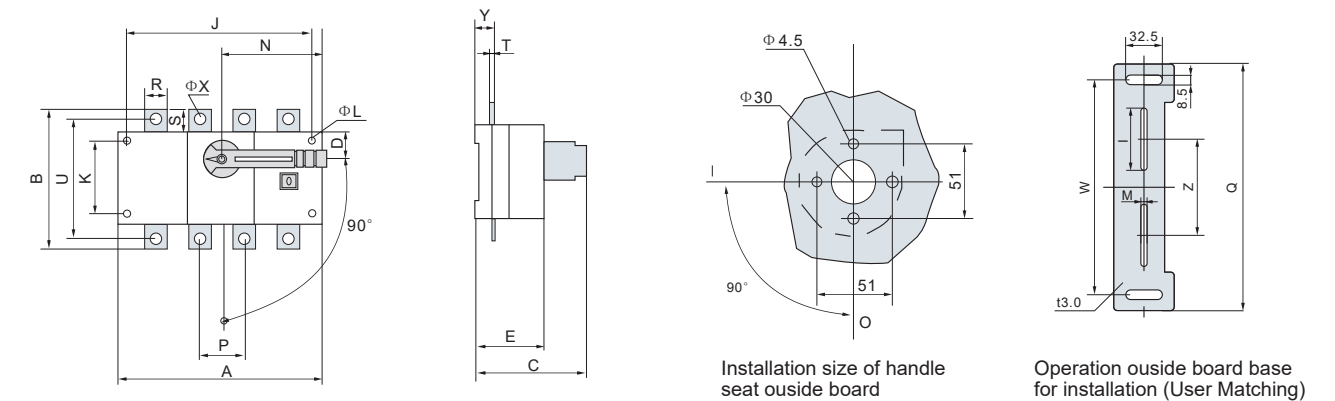
- Operating conditions
- Altitude not more than 2000m
- The range of ambient temperature is from 5℃ to 40℃
- Relative humidity not more than 95%
- The environment without any explosive medium
- The environment without any rain or snow attacking

Main Technical Parameters

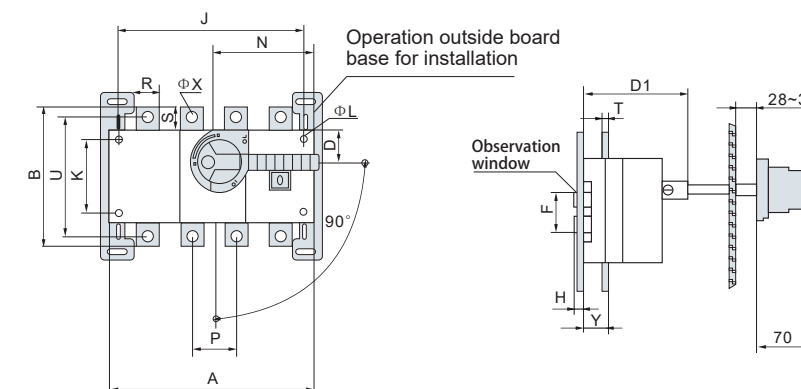
Conventional Heating current Ith(A)		63	100	125	160	200	225	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
Rated insulation voltage Ui		690V				800V							1000V						
Rated impaction with stand voltage Uimp		8kV											10kV						
Rated working voltage Ue		AC400V																	
Rated frequency		50Hz																	
Usage category		AC-22B											AC-21B						
Rated working current Ie(A)	AC400V	63	100	125	160	200	225	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
Rated short- circuit connecting capacity Icm(kA)		17							40				105						
Rated short- time withstand current Icw(kA)		10kA/1s							20kA/1s				35kA/1s						
Mechanical life(time)		1700		1400						800			500			300			
Electrical life(time)		300		200										100					
Operation moment(N.M)		/	/	6.5	6.5	10	15						27			60			

SL-CP68-125~630 Series outline and installation dimension

□ Front direct operation



□ Direct operation outside the cabinet



Specification	Base for installation dimension				
	I	M	Z	W	Q
SL-CP68-125A	55	5.5	85	190	218
SL-CP68-160A	55	5.5	85	190	218
SL-CP68-200A	55	5.5	85	190	218
SL-CP68-250A	55	5.5	85	190	218
SL-CP68-315A	60	6.5	130	240	270
SL-CP68-400A	60	6.5	130	240	270
SL-CP68-500A	60	6.5	130	240	270
SL-CP68-630A	60	6.5	130	240	270

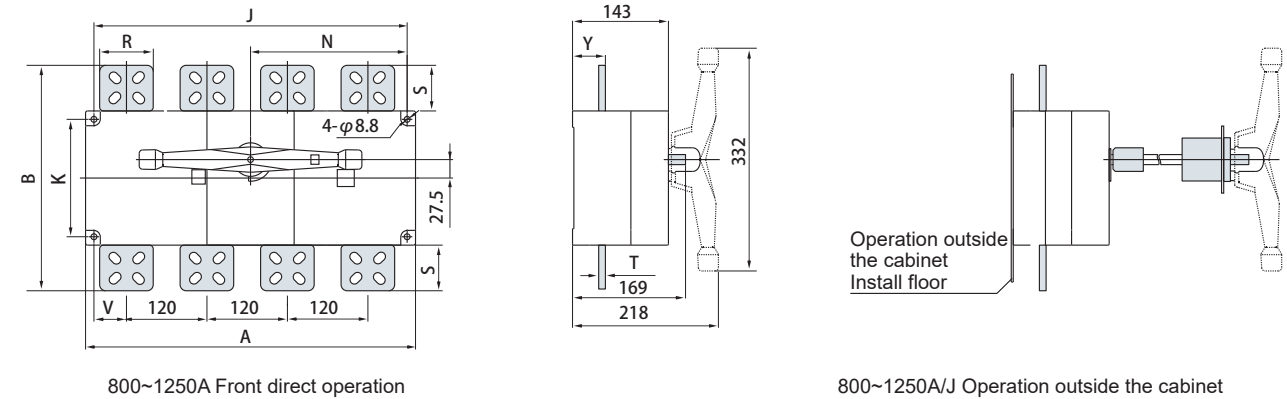
□ SL-CP68-125~630 Series outline and installation dimension

Unit:mm

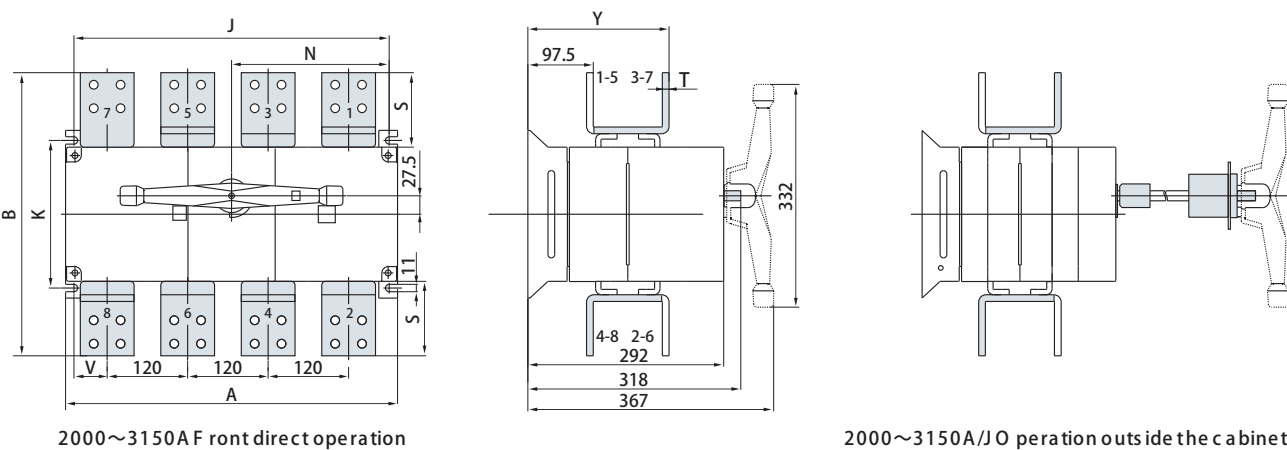
Specification	External dimension and installation dimension																		
	A	B	C	D	D1	E	ΦL	J	K	N	P	R	S	T	U	ΦX	Y	F	H
SL-CP68-125A/3	140	135	120	27	94	73	5.5	120	65	85	36	20	25	3.5	115	9	24	49	10
SL-CP68-125A/4	170	135	120	27	94	73	5.5	150	65	85	36	20	25	3.5	115	9	24	49	10
SL-CP68-160A/3	140	135	120	27	94	73	5.5	120	65	85	36	20	25	3.5	115	9	24	49	10
SL-CP68-160A/4	170	135	120	27	94	73	5.5	150	65	85	36	20	25	3.5	115	9	24	49	10
SL-CP68-200A/3	180	165	140	35	103	86	7	160	90	115	50	25	28	3.5	140	11	25	79	15
SL-CP68-200A/4	230	165	145	35	103	86	7	210	90	115	50	25	28	3.5	140	11	27	79	15
SL-CP68-250A/3	180	165	140	35	103	86	7	160	90	115	50	25	28	3.5	140	11	25	79	15
SL-CP68-250A/4	230	165	145	35	103	86	7	210	90	115	50	25	28	3.5	140	11	27	79	15
SL-CP68-315A/3	230	234	170	50	134	116	7	210	140	145	65	32	37	5	205	11	37	94	20
SL-CP68-315A/4	290	234	170	50	134	116	7	270	140	145	65	32	37	5	205	11	37	94	20
SL-CP68-400A/3	230	234	170	50	134	116	7	210	140	145	65	32	37	5	205	11	37	94	20
SL-CP68-400A/4	290	234	170	50	134	116	7	270	140	145	65	32	37	5	205	11	37	94	20
SL-CP68-500A/3	230	250	170	50	134	116	7	210	140	145	65	40	45	6	215	12.5	38	94	20
SL-CP68-500A/4	290	250	170	50	134	116	7	270	140	145	65	40	45	6	215	12.5	38	94	20
SL-CP68-630A/3	230	250	170	50	134	116	7	210	140	145	65	40	45	6	215	12.5	38	94	20
SL-CP68-630A/4	290	250	170	50	134	116	7	270	140	145	65	40	45	6	215	12.5	38	94	20

SL-CP68-800~1250 Series outline and installation dimension

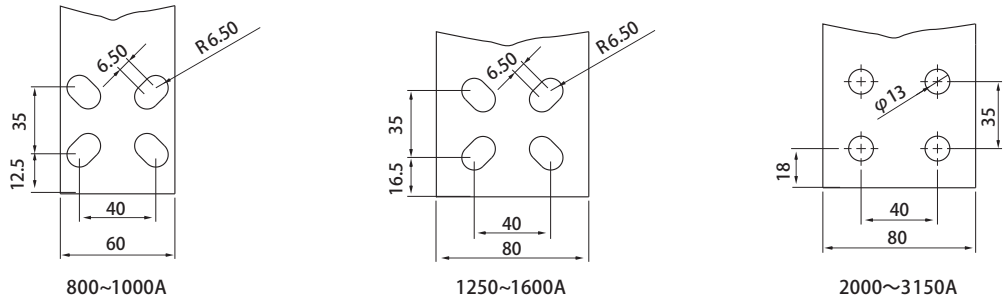
□ Front direct operation



□ Front operation outside the cabinet



□ Connection terminal



□ SL-CP68-800~1250 Series outline and installation dimension

Unit:mm

Specification	External dimension and installation dimension									
	A	B	J	K	N	R	S	T	Y	V
SL-CP68-800A/3	378	328	352	175	173.5	60	64	8	48	57
SL-CP68-800A/4	492	328	467	175	233.5	60	64	8	48	48.5
SL-CP68-1000A/3	378	328	352	175	173.5	60	64	8	48	57
SL-CP68-1000A/4	492	328	467	175	233.5	60	64	8	48	48.5
SL-CP68-1250A/3	378	336	352	175	173.5	80	68	8	48	57
SL-CP68-1250A/4	492	336	467	175	233.5	80	68	8	48	48.5
SL-CP68-1600A/3	378	336	352	175	173.5	80	68	10	49	57
SL-CP68-1600A/4	492	336	467	175	233.5	80	68	10	49	48.5
SL-CP68-2000A/3	382	423	357	220	175	80	111.5	10	210.5	58
SL-CP68-2000A/4	495	423	470	220	235	80	111.5	10	210.5	49.5
SL-CP68-2500A/3	382	433	357	220	175	80	116.5	15	215.5	58
SL-CP68-2500A/4	495	433	470	220	235	80	116.5	15	215.5	49.5
SL-CP68-3150A/3	382	443	357	220	175	80	121.5	20	220.5	58
SL-CP68-3150A/4	495	443	470	220	235	80	121.5	20	220.5	49.5