SL-CP51&52 Series
Switch Distribution Box

Function

This product applies to terminal of AC 50Hz(or 60Hz), rated operating voltage up to 400V and rated current up to 63A, equipped with various modular electric for functions of electric energy di☒ribution,control,(short circuit,overload,earth leakage, over-voltage) protection,signal,measurement of terminal electric appliance.

Main Technical Data

- ☐ **Equipped with transparent/non-transparent door**
- ☐ **Single row: door open upward 90 degrees;**
- ☐ **Rated current: 4 way 50A, 6-36 way 63A;**
- ☐ **Material: insulating, self-extinguishing fire material**
- ☐ **Protection level: indirect contact proof 2 protection;**

Normal Application and In☒allation Conditions

- ☐ **Ambient temperature: -5℃~+40℃. the average value within 24 hours shall not exceed +35;**
- ☐ **Altitude: In☒allation altitude shall not exceed 2000m.**
- ☐ **Humidity: Relative humidity shall not exceed 50% when the ambient temperature is +40℃. Higher relative humidity is allowed at lower temperature, for example, it can reach 90% at 20℃.**
- ☐ **Pollution grade: grade 2**
- ☐ **In☒allation category (over-voltage category):Ⅱ**
- ☐ **IK grade: IK05**
- ☐ **IP level: IP30**

Structure

Symmetric base enclosure: solid enclosure can be embedded into thinner wall; knockouts of various sizes on four sides of box; Single row connecting rail can be adju☒ed vertically; single row: adju☒able rail depth; Flat front panel can be used reversely; equipped with arc door; front panel shield can be knocked out to increase number of ways.

Max.rated current up to 63A

Transparent door	Max.rated current up to 63A			
Module Number	Number bar holes			Earth bar holes
	1	2	3	
4loop	4Xϕ5	—	—	3X ϕ5
6loop	6Xϕ5	—	—	3X ϕ5
8loop	8Xϕ5	—	—	4X ϕ5
12loop	12Xϕ5	—	—	6X ϕ5
18loop	18Xϕ5	—	—	9X ϕ5
24loop	24Xϕ5	9Xϕ 5	—	13Xϕ5
36loop	36Xϕ5	9Xϕ 5	9Xϕ 5	13Xϕ5

4loop	4Xϕ 5	—	—	3Xϕ5
6loop	6Xϕ 5	—	—	3Xϕ5
8loop	8Xϕ 5	—	—	4Xϕ5
12loop	10Xϕ 5	—	—	6Xϕ5
18loop	13Xϕ 5	—	—	9Xϕ5
24loop	13Xϕ 5	9Xϕ 5	—	13Xϕ5
36loop	13Xϕ 5	9Xϕ 5	9Xϕ 5	13Xϕ5

White door	Max.rated current up to 63A			
Module Number	Number bar holes			Earth bar holes
	1	2	3	
4loop	4Xϕ5	—	—	3X ϕ5
6loop	6Xϕ5	—	—	3X ϕ5
8loop	8Xϕ5	—	—	4X ϕ5
12loop	12Xϕ5	—	—	6X ϕ5
18loop	18Xϕ5	—	—	9X ϕ5
24loop	24Xϕ5	9Xϕ5	—	13Xϕ5
36loop	36Xϕ5	9Xϕ5	9Xϕ5	13Xϕ5

4loop	4Xϕ 5	—	—	3Xϕ5
6loop	6Xϕ 5	—	—	3Xϕ5
8loop	8Xϕ 5	—	—	4Xϕ5
12loop	10Xϕ 5	—	—	6Xϕ5
18loop	13Xϕ 5	—	—	9Xϕ5
24loop	13Xϕ5	9Xϕ5	—	13Xϕ5
36loop	13Xϕ 5	9Xϕ5	9Xϕ5	13Xϕ5