

SL-CP05 Series

Residual Current Circuit Breaker



Function

- Switching and isolation function
- Protect against electric shock caused by direct contact or indirect contact
- Protect against fire hazard caused by insulation faults
- Can be used in housing, tertiary sector and industry
- Without overload protection and short circuit protection

Feature

- Electro-magnetic release, voltage independent
- High ability of withstanding short circuit current

Connection Capacity

- Type of terminal: Lug type and Pin type
- Cables up to 35mm²

Model	Poles	Rated current	Type			Rated sensitivity current I _{Δn} (mA)				Un(V)	I _{Δc}
			AC	A	S	10	30	100	300		
SL-CP05	2P	25, 32, 40,63A				☐	☐	☐	☐	230V AC	6000A
SL-CP05	4P	25, 32, 40,63A				☐	☐	☐	☐	400V AC	6000A

Technical Parameter

Standard	IEC 61008-1
Rated current I _n (A)	25, 32, 40, 50, 63, 80,100
Rated voltage U _n (V)	2pole: 230V AC 50/60Hz 4pole: 230/400V AC 50/60Hz
Poles	2P, 4P
Rated residual non-operating current	0.5xI _{Δn}
Rated impulse withstand voltage U _{imp} (V)	6000
Rated residual currents, I _{Δn} (mA)	10, 30, 100, 300
Residual current off-time at I _{Δn}	Residual current off-time at I _{Δn} : ≤0.1s
Rated residual current making & breaking capacity, I _{Δm}	500A for I _n =16, 25, 32, 40A 630A for I _n = 63A
Rated conditional short-circuit current, I _{nc}	6kA
Ambient temperature (°C)	-25 to 40
Installation	Mounting on 35mm DIN rail
Degree of protection	IP20

Dimensions

