SL-CP05-RA

System For RCCB’s Applications

Application

The Recloser RCCB Can be widely used in power grid terminal lines, new energy circuit management ect.

Function

- Can work with circuit breakers and earth leakage switches, remote Closing and Sectional Breaker / Leakage Protection Switch
- Controlling circuit breakers and leakage protection switches with switches，D type has auto-reclosing function
- With manual and automatic switch
- With mechanical and electronic, double lock function
- Can work with auxiliaries
- Work status is indicated by LED light
- Operating mechanism only 18mm width

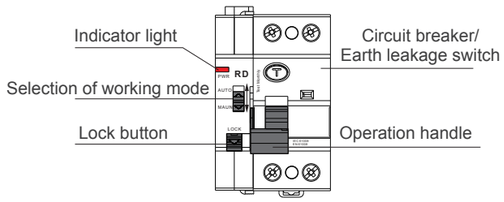
Technical parameter

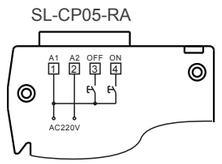
	EBS2LST
Control method	Digital input control and automatic recloser
Power terminals	A1-A2
Voltage fluctuation range	AC 220V (50-60Hz)
Power consumption	AC max.1VA(standby) max. 20VA(Working)
Indicator light	Red and green LED
Action time	≤0.1S
Automatic tripping times	3 times
Reclose time delay	10S-60S-300S
Clearing times after closing	No more trips or clears within 15 minutes of successful closing
Mechanical life	10000
Electrical life	4000
Working temperature	-20℃ to +50℃(-4°F to 131°F)
Installation	Din rail EN/IEC60715
Protection class	IP20

Accessories

Auxiliary contact	Yes
Alarm switch	Yes
Shunt release	Yes
Under-voltage Shunt Release	Yes

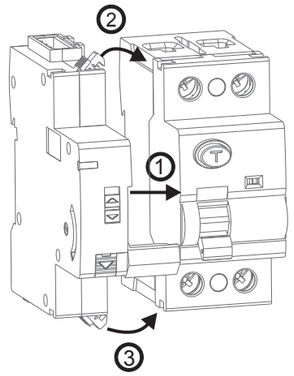
Function diagram





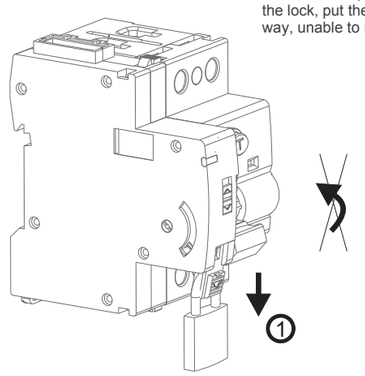
Installation instrument

Working with RCCB

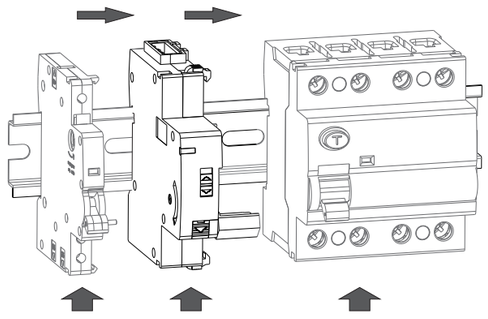


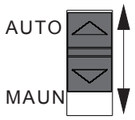
Closing the lock

Note:When performing circuit maintenance, please pull down the lock, put the padlock on, this way, unable to manually close

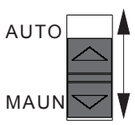


Working with accessories





When the switch under “AUTO”, switching input can be used for closing and opening operations.



When the switch under “MANU”, the switch can only controlled manually.

When the power on, the green indicator flush 2S before power stable; after power stable, the green light keep lighting; when RCCB happen error, the light turn red.

Function diagram

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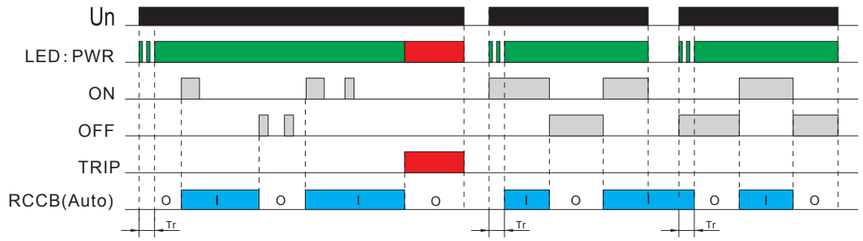
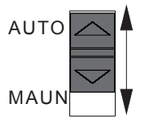
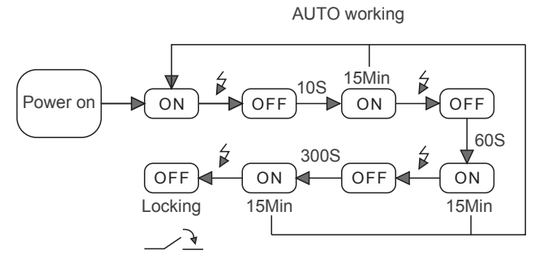


Tr: Power delay = 2s.

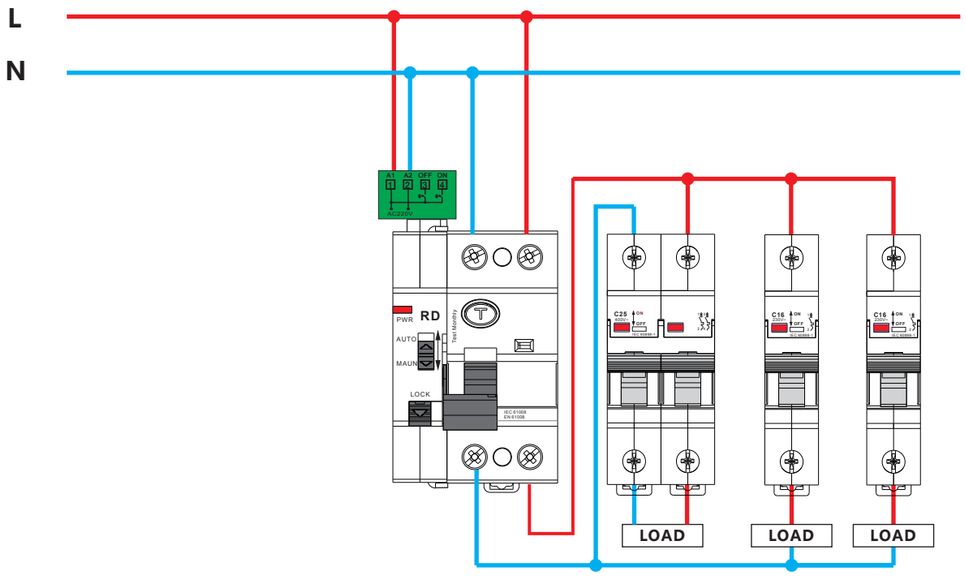
EBS2LST has automatic reclosing function, working principle:



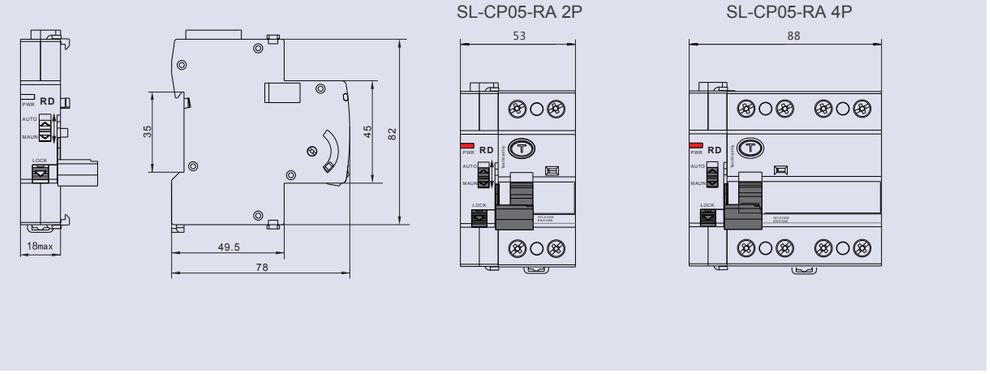


Note: ↯ means electricity error

Failures and solutions



Failures and solutions:

	Failures	Solutions
1	Unable to close or on	Check if the power supply voltage is normal
		Check if the switch under “AUTO” mode
		Check the installation clips of the electrical operation mechanism and circuit breaker are in place
2	Trip immediately after closing	Checking the circuit, if the RCCB under error(Overload,Short circuit or earth leakage)
		Checking if the circuit breaker damaged or slip

Dimensions