

GYL9+RD Reclosing Device

General



- Applications
 - Can be widely used in power grid terminal line, such as meter box, new energy circuit management, PV solar control box, smart electricity, smart home, new energy vehicle charging pile, and so on.
- Function Features
 - Can be matched with RCCB, remote switching and splitting of RCCB.
 - Remote monitoring and control of RCCB through RS485 interface.
 - With manual / automatic selector switch.
 - With mechanical / electronic double locking function.
 - Can change the handle to match RCCB .
 - Can match other accessories.
 - Work status is indicated by LED.
 - 1-MODULE.

Model and designation



Note: if there are other functions that need customization, please contact our company.



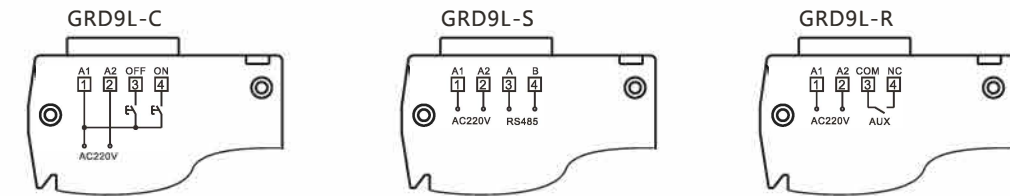
Technical parameters

Technical parameters	GRD9L-C	GRD9L-S	GRD9L-R
Control mode	Switch input	RS485	Autoreclose
Supply terminals		A1-A2	
Voltage range		DC12V	
Supply voltage tolerance		-10%;+10%	
Power input		DC max.1W(standby) max.20W(action)	
Voltage range		AC 220V(50-60Hz)	
Supply voltage tolerance		-10%;+10%	
Power input		AC max.1VA(standby) max.20VA(action)	
Supply indication		red LED	
Action time		≤1s	
Temperature coefficient		0.05%/°C, at=20°C(0.05%/°F , at=68°F)	
Mechanical life		6000	
Electrical life(AC1)		4000	
Operating temperature		-20°C to +55°C (-4°F to 131°F)	
Storage temperature		-35°C to +75°C (-22°F to 158°F)	
Mounting/DIN rail		Din rail EN/IEC 60715	
Protection Class		IP20	
Operating position		any	
Overtoltage cathegory		III.	
Pollution degree		2	
Max.cable size(mm ²)		82×18×78mm	
Dimensions		solid wire max.1×2. 5or 2×1. 5/with sleeve max.1×2. 5(AWG 12)	
Weight		80g	

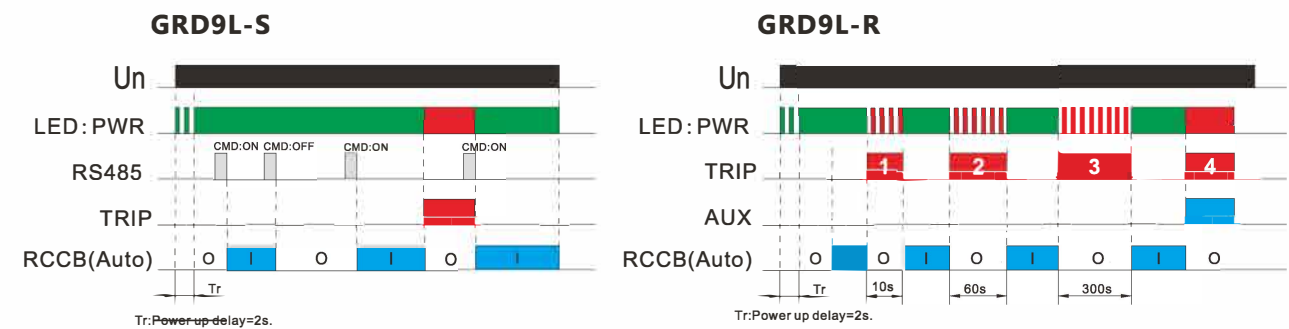
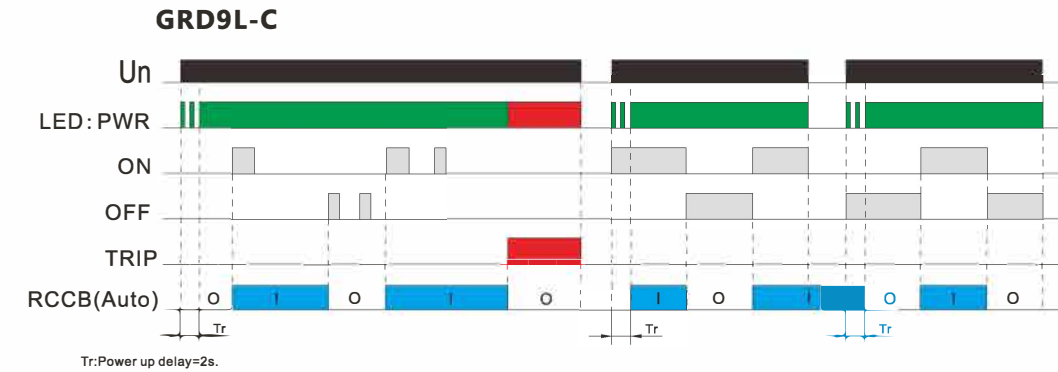
Combination with accessories

Auxillary contact	Yes
Alarm contact	Yes
Shunt release	Yes
Under voltage release	Yes

Wiring Diagram



Function Diagram



Note: If you need a communication protocol, please contact us.

Note: The number of reclosures can be cleared by placing the panel switch in manual mode or re-energizing it.

Mounting & dimension

