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Recloser

GRD9L-C/D MCB/RCCB Controlled By Switch

Scope of application

It can be widely used in electric network terminal lines, new energy circuit management, smart electronic triplex, smart home, smart factory, new energy vehicle charging pile, etc.

It can be matched with MCB/RCCB switch, remote closing and breaking MCB/RCCB switch.

MCB/RCCB switch is controlled by the switching value, and the D type has the function of automatic reclosing.

With manual/auto selector switch.

Technical Parameter

	Control method	Power terminal	Power consumption		Voltage fluctuation range		Indication light	Operate time
			DC12V	AC230V	DC12V	AC220V		
GRD9L-C	Switch input control	A1-A2	DC max.1W(Standby) max.20W(action)	AC max.1VA(Standby) max.20VA(action)	-10%;+10%		red and green LED	≤1s
GRD9L-D	Switch input control + recloser							

	recloser times	recloser time	Closing times reset	Mechanical life	Electric life	Protection class	Ambient temperature
GRD9L-C	-	-	-	10000 times	4000 times	2	-20℃~+55℃
GRD9L-D	3 times	10s-60s-300s	After closing successfully No more tripping or manual reset within 15 minutes				

Auxiliary Accessories

Auxiliary contact	Alarm contact	SHT	Undervoltage SHT
■	■	■	■

GRD9L-R MCB/MCCB with Auto Reclosing

Scope of application

It can be matched with the MCB / RCCB switch. When the MCB / RCCB switch trips unexpectedly, it will automatically reclose, closing automatically, labor maintenance costs are reduced, and faults can be eliminated in time to improve efficiency.

Built-in 3 reclosing times, if continuous closing fails within 15 minutes, an alarm can be issued through the auxiliary trigger signal.

Technical Parameter

	Control method	Power terminal	Power consumption		Voltage fluctuation range		Indication light	Operate time
			DC12V	AC230V	DC12V	AC220V		
GRD9L-R	Switch input control + recloser	A1-A2	DC max.1W(Standby) max.20W(action)	AC max.1VA(Standby) max.20VA(action)	-10%;+10%		red and green LED	≤1s

	recloser times	recloser time	Closing times reset	Mechanical life	Electric life	Protection class	Ambient temperature
GRD9L-R	3 times	10s-60s-300s	After closing successfullyNo more tripping or manual reset within 15 minutes	10000 times	4000 times	2	-20℃~+55℃

Auxiliary Accessories

Auxiliary contact	Alarm contact	SHT	Undervoltage SHT
■	■	■	■

Recloser

GRD9L-S MCB/MCCB With Rs485 Interface

Scope of application

It can be widely used in electric network terminal lines, new energy circuit management, smart electronic triplex, smart home, smart factory, new energy vehicle charging pile, etc.

It can be matched with MCB / RCCB switch to close and open MCB/RCCB switch remotely.

Remotely monitor the MCB/RCCB switch through the RS485 interface, read the opening and closing status and various parameters.

Technical Parameter

	Control method	Power terminal	Power consumption		Voltage fluctuation range		Rs485 interface communication protocol	Operate time
			DC12V	AC230V	DC12V	AC220V		
GRD9L-S	Rs485控制	A1-A2	DC max.1W(Standby) max.20W(action)	AC max.1VA(Standby) max.20VA(action)	-10%;+10%		MODBUS-RTU	≤1s

	recloser times	recloser time	Closing times reset	Mechanical life	Electric life	Protection class	Ambient temperature
GRD9L-S	3 times	10s-60s-300s	After closing successfullyNo more tripping or manual reset within 15 minutes	10000 times	4000 times	2	-20℃~+55℃

Auxiliary Accessories

Auxiliary contact	Alarm contact	SHT	Undervoltage SHT
■	■	■	■