

SGBA Series Circuit Breaker Accessories

Technical data

Standard	EN/ IEC 62019
Rated insulation voltage Ui	500V
Rated voltage	AC 230V
Rated frequency(Hz)	50/60Hz
Utilization catagory	AC14,AC15
Ambient temperature(°C)	-5~+40, max 95%humidity
Storage temprature (°C)	-40~+75
Electric endurance	4000
Mechanical endurance	10000
Dielectric strength	2000V/1min
Protection degree	IP20



SGBA-OF

SGBA-SD

SGBA-MN

SGBA-MX

SGB-63H

Application

Applicable to MCB model SGB-63, used to control remote signaling device.

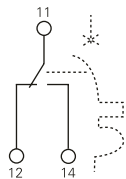


Combination scheme

OF	SGB-63	OF	MX	SGB-63
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OF Auxiliary Contact

Type code	Rated voltage (V)	Rated current (A)
OF23A	230AC	6
OF40A	400AC	3
OF24D	24 DC	6
OF48D	48 DC	2



OF

Dielectric strength: 2kV/1 min

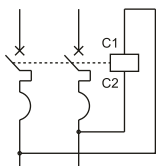
Electro-mechanical endurance: ≥ 5000

Mounted on the left side of the MCB SGB-63, indicating "ON", "OFF" status of combined MCB.

Terminal Connection Height: H1 = 31 mm H2 = 16mm H3 = 1.3mm

MX Shunt Tripper

Type code	Rated voltage (V)
MX23A	230AC
MX40A	400AC
MX24D	24 DC
MX48D	48 DC



MX

Rated insulation voltage(U_i): 500V

Operate voltage range: 70-100% U_s

Contact capacity: AC:3A/400V, AC:6A/230V, AC:9A/125V

Dielectric strength: 2kV/1 min

Electro-mechanical endurance: ≥ 4000

Mounting on the left side of MCB/RCBO, used to trip the combined MCB/RCBO by remote controlling device.

Terminal Connection Height: 19mm

Application

Applicable to MCB model SGB-63, used to control remote signaling device.



Combination scheme

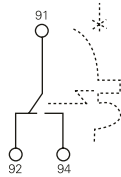
SD	SGB-63	SD	MN	SGB-63
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SD Alarm Switch

Type code	Rated voltage (V)	Rated current (A)
SD23A	230AC	6
SD40A	400AC	3
SD24D	24 DC	6
SD48D	48 DC	2



SD



Rated insulation voltage (U_i): 500V

Operate voltage range: 70~ 100% U_s

Dielectric strength: 2KV/1 min

Electro-mechanical endurance: ≥ 4000

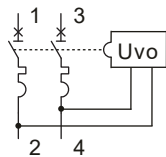
Is used to connect ON/OFF auxiliary contact, work as circuit breaker ON/OFF indicator in case of faulty (tripping)

MN Over-voltage/Under-voltage Tripper

Type code	Rated voltage (V)
MN23A	230AC



MN



Rated insulation voltage (U_i): 500V

Over-voltage tripping range: $280V \pm 5\%$

Under-voltage tripping range: $170V \pm 5\%$

Electro-mechanical endurance: ≥ 4000

Mounted on the left side of circuit breaker, actuate the combined device to trip in case of under-voltage or over-voltage, effectively prevent the device from closing operation under abnormal power voltage condition.