

## USER MANUAL : SAFE-T-PROOF รุ่น WR-4-01 EV/SAFE

Safe-T-Cut Smart Model DGL2 -63 B is an automatic earth leakage circuit breaker type RCDs/RCCB designed to be used.

Only an additional connection point from the existing electrical system that already has a circuit breaker to protect against overcurrent. Suitable for applications such as EV charging systems, medical electrical systems, elevators, solar PV systems, etc. to protect people from electric shock (electric shock).

- It is a protective device for earth leakage current. that can cut off the leakage current to the ground, both alternating current (AC) and direct current (DC) leakage to the ground
- Designed for use with EV charging systems or other battery powered devices such as inverters, uninterruptible power supplies (UPSs), and other circuits that require DC leakage protection.
- Certified with international standards IEC 61008-1, EN 62423

### Application for WR-2-02

- 1.Push the switch lever of the Main Circuit Breaker (1) to "ON" and the RCCB Type B (2) to "ON" to supply power.
- 2.Then press the TEST button (3) to check the operation of RCCB Type B , which must cut off the circuit immediately.
- 3.In the event of a short circuit (Short Circuit), the Main Circuit Breaker (1) , the circuit will be cut off immediately. And in case of overload (Over Load), the main circuit breaker (1) will be hot and cut off the circuit.

### Application for RCCB

1. After installing the RCCB, push the switch lever (2) up to the "ON" position. The RCCB will supply current to the load immediately.
2. Then try to press the TEST button (3), the RCCB will cut off the circuit immediately. indicates that the normal machine is ready to use. Notice that the indicator (5) will turn red.
3. While in use, when there is an abnormality from electric shock (leakage through people), the RCCB will cut off the circuit immediately in less than 0.1 seconds and once the fault has been fixed, move the switch (2) to the "ON" position, the RCCB is ready to continue working.
4. You can test the operation of the RCCB by yourself by pressing the TEST button (3). Normally, the circuit must be cut every time. Before pushing the switch lever (2), "ON" should be turned off all switches/electrical usage. In particular, unplug the electric vehicle charger and all peripheral electrical equipment. To prolong the service life of electrical appliances, if the TEST button is pressed, the RCCB does not cut off, please contact an experienced electrician to check immediately. Or contact the Safe-T-Cut Smart service center for advice.
5. It is recommended to press the TEST button (3) every time before use.



รายละเอียดผลิตภัณฑ์

Model	WR-4-01 EV/SAFE
Rated Voltage (Un)	230 V
Rated Current (In)	40 A
Rated conditional short-circuit current (Inc)	10000A
Number of Pole	2 WAY
Ingress Protection	IP 65
Rated Voltage (Un)	230 V
Rated Frequency (Fn)	50 Hz
Operating Temperature	10-40 °C
Short circuit protection characteristics	MCB
<b>RCCB (DGL2-63B)</b>	
Pole	2 Pole (1P+N)
Rated Current (In)	40A
Rated Voltage (Un)	230VAC
Rated Frequency	50 Hz
Rated Residual Operating Current (IΔn)	30mA
RCCB (Break time of a RCCB)	≤0.1 sec
Rated conditional short-circuit current (Inc)	10000A
Rated Making and Breaking Capacity (IΔm)	1000A
Ingress Protection	IP20
Wave form of the earth leak current sensed (Type)	AC, A, F, B
Operating Temperature	-25~+45, max. 95 % humidity
Terminal tightening torque	3.5N.m
Standard	IEC/EN 61008-1, 62423, 60898
Total Weight (Included RCCB & Box)	1.3 kg

Dimension

