



SELF RESTORING ELB

Smart ELB

- Block cause by leakage current
- Auto restore when leakage detection result of normal
- Auto restore when In the case of block due to the surge
- Save block cause (Function of Black Box)
- Remote monitoring
- In the case of over-current occurs block and alarm
- Because of using a general circuit breaker, reliability is ensured
- Setting the power switch, operating at general circuit breaker

SELF RESTORING ELB

Smart ELB



MAIN FUNCTION

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Smart ELB - SMART EARTH LEAKAGE BREAKER

Smart ELB is the automatically restore the device on which the circuit breaker to determine the reason for the block when the circuit breaker is block. The block has been the cause, short-circuit, over-current and short-circuit, there is such as surge. If leakage occurs, it is determined whether the inside of the sensing circuit breaker load side leakage, result to perform restore operation when a normal. Without running the restore operation in the case where the over-current occurs, it sounded the alarm, the state of the load administrator to confirm, to the restore of the manually. Immediately a restore operation if the surge cause of the block. This product is designed for panel board of unmanned electrical facility in these inaccessible places.

HIGHLIGHTS

- ELB stand-alone product
- KC certified products
- Automatic recovery system
- Blocked cause analysis
- Blocked history can be checked

APPLICATION AREAS

- Communication facility
- Broadcast facility
- Security facility
- Public facility
- Agriculture facility
- Fishery facility

BASIC TECHNICAL DETAILS

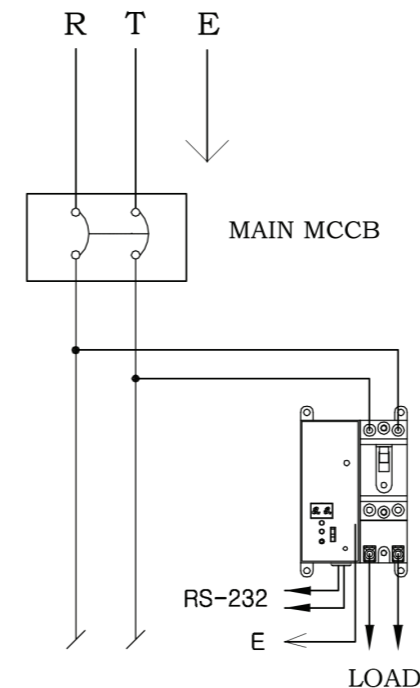
Rated Voltage	220 V
Pole & Element	2P - 2E
Type	1P - 2W
Rated Current	20 A
Rated Frequency	60 Hz
Rated Breaking Current	2.5 kA
Rated Non Breaking Current	15 mA
Operation Time	under 0.03 sec

TECHNICAL DETAILS

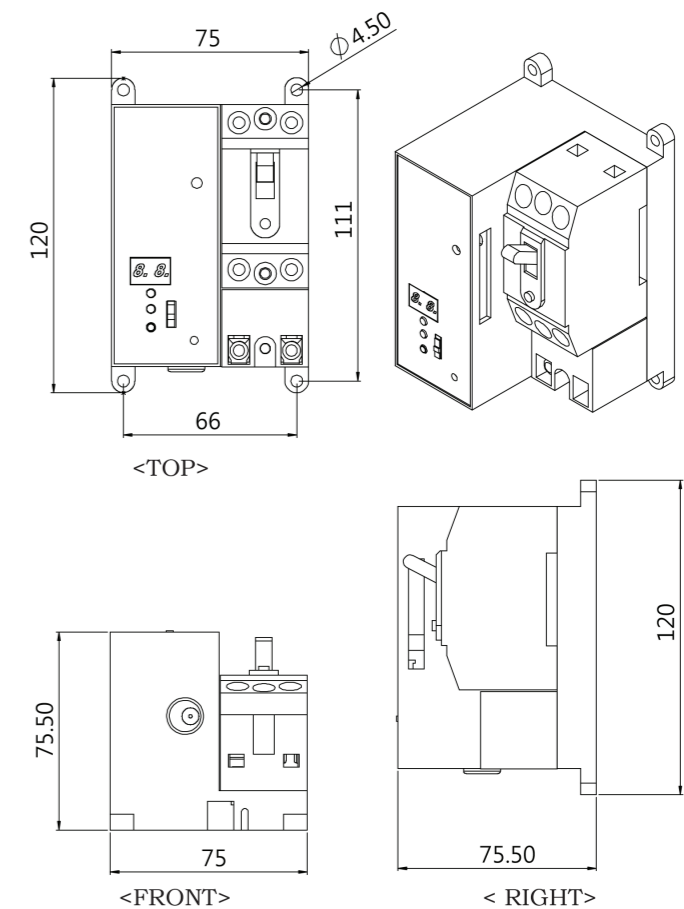
Protection	Display when breaker operation due to surge, overcurrent, leakage Auto restore after disappear temporary surge, leakage Don't restore due to overload or short circuits
Charging Device	Super capacitor
Show cause blocking method	Display the LED when overcurrent, surge, leakage
Communication Interface (Option)	RS-232
Recovery Operation Time	4sec
Behavior Monitoring duration	Blocking caused monitored for 10 minutes after power-off
Recovery Unit Power Supply	Load side of circuit breaker
Recovery Time	Within 4 seconds after resolving cause blocking
Recovery Method	DC motor-driven
Removable Ground Terminal	Only replaceable stability and circuit breaker equipment
Related Standards(Standard)	K60947-2 (KATS 2009) Satisfaction
Size (W x D x H)	75 x 120 x 75.5 [mm]
Operation Temperature	-10 ~ 60 °C

WIRE CONNECTION

MAIN POWER SUPPLY
(220V 60HZ)



DIMENSION INFORMATION



SELF RESTORING ELB Smart ELB



Function of the product

Application Areas



CCTV panel board



Communication repeater panel board



Transmission tower



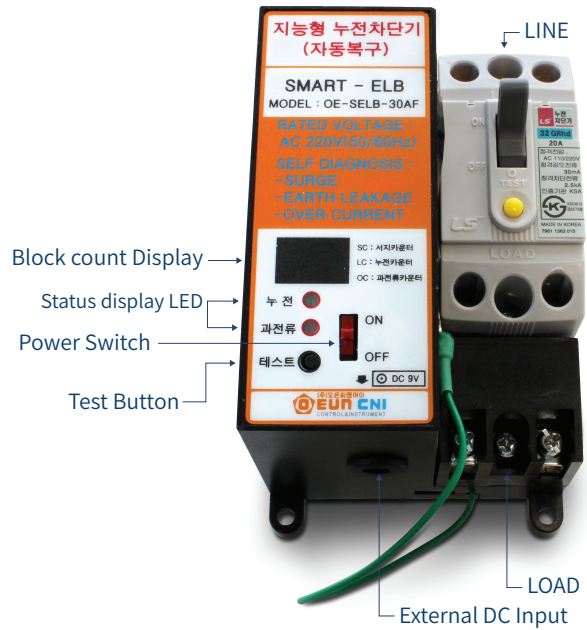
Traffic signal controller



Water purification facility panel board



Fish farm



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