

DZ47LE C45LE Residual Current Circuit Breaker with Over Current Protection

Application

LW47LE RCBO is used for the protection against electrical leakage in the circuit of 50Hz or 60Hz, rated voltage 1 phase 230V and 3 phase 400V, rated current up to 63A. When somebody gets an electric shock or the residual current of the circuit exceeds the fixed value, the RCBO can cut off the power within the time of 0.1s automatically to protect the personal safety and preventing the equipment from the fault resulted by the residual current. With this function, the RCBO can protect the circuit against overload and short circuit or can be used for the unfrequent switchover of the circuit under normal conditions. It conforms to IEC61009 standard.

Normal Operation and Mounting Requirement

- Circumstance temperature $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$, average temperature not exceeding 35°C .
- Altitude above sea level less than 2000m.
- Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C .
- Installation class II or III.
- Pollution class II.
- Installation method DIN Rail mounting type.
- The external magnetism shall not be more than 5 times of terrestrial one.
- Product shall be installed vertically at the place where there shall be no severe impact and vibration. The product is switched on when the handle is at upper position.

Specifications

Number of Poles	1P+N, 2P, 3P, 3P+N, 4P
Rated current (A)	6, 10, 16, 20, 25, 32, 40, 50, 63
Rated operating current (mA)	30, 100, 300, 500
Rated non operating ($I_{\Delta N}$)(mA)	$\leq 0.5I_{\Delta n}$
Rated voltage (V)	220/380
Tripping curve	C, D
Type	Electronic