M

## 1.General

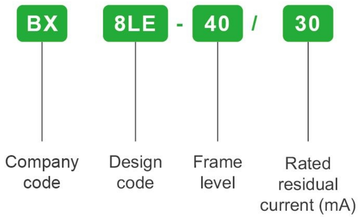
**1.1 Function**

- For purposes of residual current protection, overload and short circuit protection.

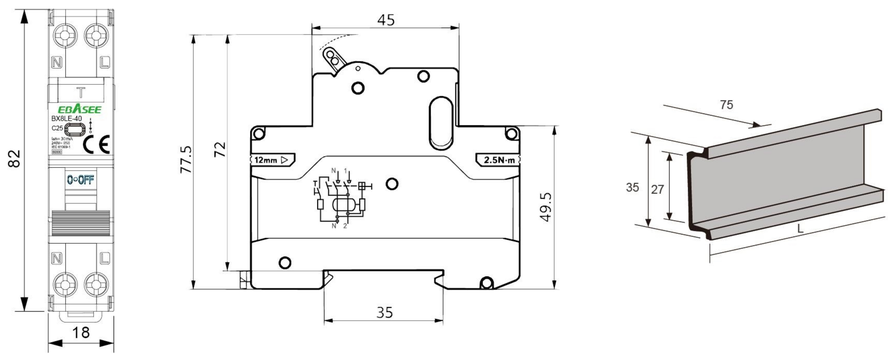
- When any personal electric shock occurs or the circuit leakage current exceeds the predetermined value, the residual current operated circuit breaker can automatically cut off the power supply in a very short period of time, so that the safety of persons and electrical equipment can be protected.



## 2.Nomenclature




## 3.Dimensions








M

## 4.Specifications

| Type | Standard | | IEC/EN 61009-1 |
|---|---|---|---|
| Electrical features | Poles | P | DPN |
| | Type(wave form of the earth leakage sensed) | | AC |
| | Thermo-magnetic release characteristic | | B, C |
| | Rated current In | A | 6, 10, 16, 20, 25, 32, 40 |
| | Rated voltage Ue | V | 240 |
| | Rated sensitivity IΔn | A | 0.01, 0.03, 0.05, 0.1 |
| | Rated residual making and breaking capacity IΔm | A | 500(In≤32A) |
| | Rated short-circuit capacity Icn | A | 6000 |
| | Break time under IΔn | s | ≤0.1 |
| | Rated frequency | Hz | 50/60 |
| | Rated impulse withstand voltage(1.2/50)Uimp | V | 4000 |
| | Dielectric test voltage at ind.Freq.for 1min | kV | 2 |
| | Insulation voltage Ui | V | 250 |
| | Pollution degree | | 2 |
| Mechanical features | Electrical life | t | 4000 |
| | Mechanical life | t | 10000 |
| | Contact position indicator | | Yes |
| | Protection degree | | IP20 |
| | Ambient temperature(with daily average≤35℃) | ℃ | -5~+40 |
| | Storage temperature | ℃ | -25~+70 |
| Installation | Terminal connection type | | Cable/Pin-type busbar |
| | Terminal size top/bottom for cable | mm² | 16 |
| | | AWG | 18-5 |
| | Terminal size top/bottom for busbar | mm² | 16 |
| | | AWG | 18-5 |
| | Tightening torque | N*m | 1.5 |
| | | In-lbs | 11 |
| | Mounting | | On DIN rail EN60715(35mm)by means of fast clip device |
| | Connection | | From top |