M

1.General

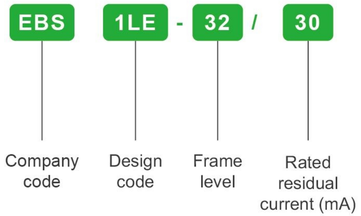
1.1 Function

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

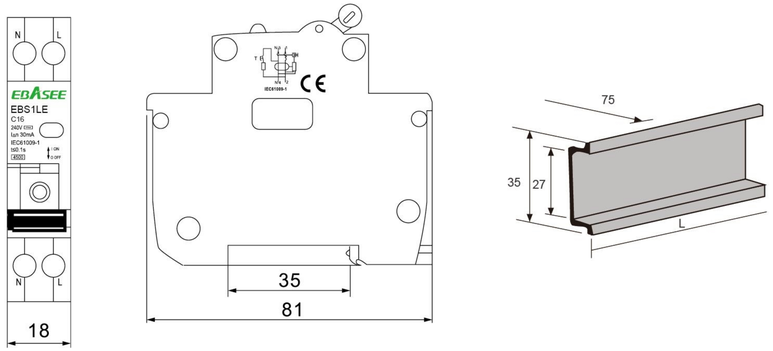
- When any personal electric shock occurs or the circuit leakage current exceeds the predetermined value, the residual current operated circuit breaker can automatically cut off the power supply in a very short period of time, so that the safety of persons and electrical equipment can be protected.



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
	Rated voltage Ue	V	240
	Rated sensitivity IΔn	A	0.03, 0.05, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤32A)
	Rated short-circuit capacity Icn	A	4500
	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