M

1.General

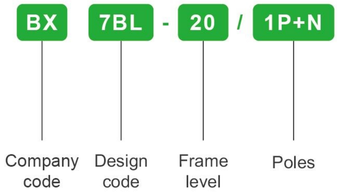
1.1 Function

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

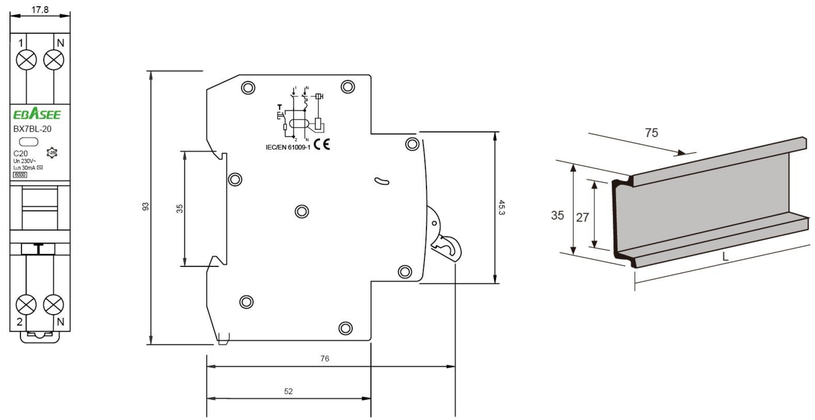
- When any personal electric shock occurs or the circuit leakage current exceeds the predetermined value, the residual current operated circuit breaker can automatically cut off the power supply in a very short period of time, so that the safety of persons and electrical equipment can be protected.



2.Nomenclature



3.Dimensions



M

4.Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	1P+N
	Type(wave form of the earth leakage sensed)		AC, A
	Thermo-magnetic release characteristic		B, C
	Rated current In	A	6, 10, 16, 20
	Rated voltage Ue	V	230/240
	Rated sensitivity IΔn	mA	10, 30, 100, 300
	Rated residual making and breaking capacity IΔm	A	500(In≤40A)
	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 grade		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Contact position indicator		Yes
	Protection grade		IP20
	Ambient temperature(with daily average≤35°C)	°C	-25~+40
	Storage temperature	°C	-35~+85
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top/bottom for cable	mm²	10
		AWG	18/7
	Terminal size top/bottom for busbar	mm²	10
		AWG	18/7
	Tightening torque	N*m	1.0~1.5
		In-lbs	10~15
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

*This product is an electromagnetic 18mm RCBO.