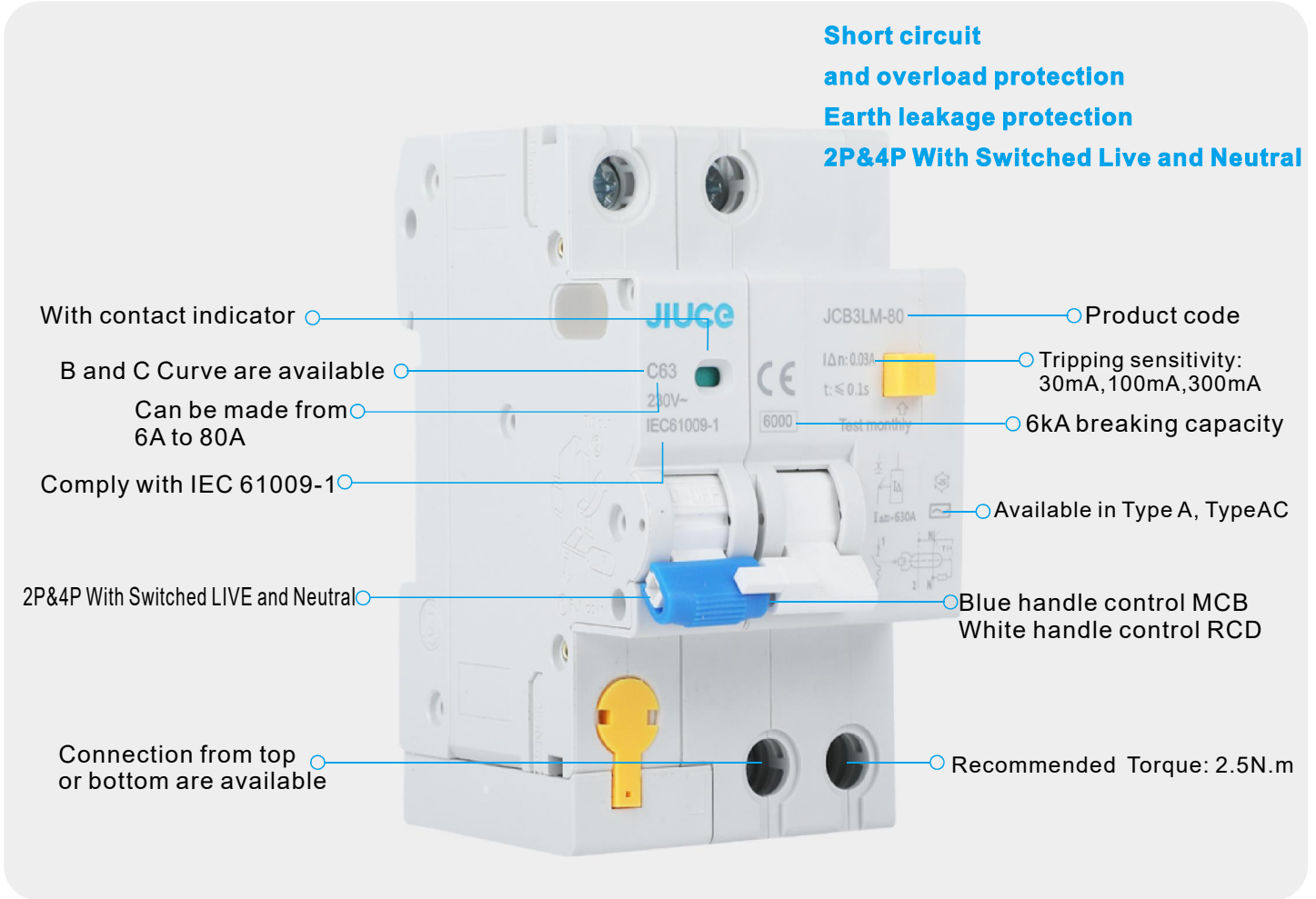


○ JCB3LM-80 Earth Leakage Circuit Breaker

**Short circuit
and overload protection
Earth leakage protection
2P&4P With Switched Live and Neutral**



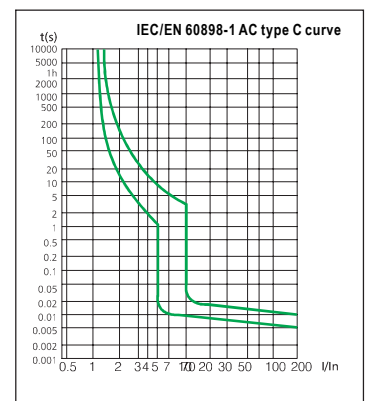
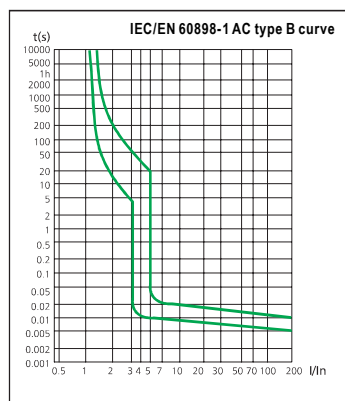
Features

- Electromagnetic Type
- Earth Leakage protection
- Overload and short circuit protection
- Breaking capacity 6kA
- Rated current up to 80A (available from 6A to 80A)
- Available in B or C tripping curves
- Type A or Type AC are available
- Tripping sensitivity: 30mA, 50mA, 75mA, 100mA, 300mA
- Connection from top or bottom are available
- Double handle (one control MCB, another control RCD)
- Complies with IEC 61009-1, EN61009-1

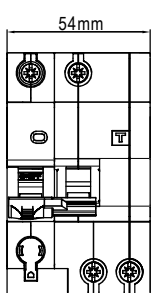


Application

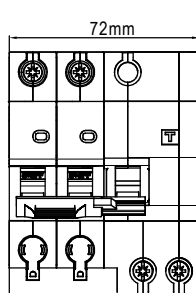
The JCB3LM-80 ELCB (Earth Leakage Circuit Breaker) are suitable for consumer units or distribution boards, applied under occasions such as industrial, and commercial, high-rise buildings and residential houses



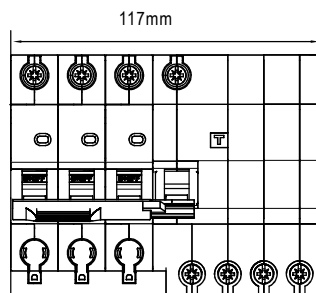
Product code	JCB3LM-80	
	Standard	IEC61009-1 , EN61009-1
Electrical features	Rated current In (A)	6, 10, 16, 20, 25, 32, 40,50,63,80
	Type	Electromagnetic
	Type (wave form of the earth leakage sensed)	A or AC are available
	Poles	1 P+N , 2P, 3P, 3P+N,4P
	Rated voltage Ue(V)	230/240(1P+N, 2P), 400/415(3p,3P+N,4P)
	Rated sensitivity I Δ n	30mA, 100mA,300mA
	Insulation voltage Ui (V)	500
	Rated frequency	50/60Hz
	Rated breaking capacity	6kA
	Rated impulse withstand voltage(1.2/50) Uimp (V)	6000
	Dielectric test voltage at ind. Freq. for 1 min (kV)	2
	Pollution degree	2
	Thermo-magnetic release characteristic	B, C
Mechanical features	Electrical life	2, 000
	Mechanical life	10, 000
	Contact position indicator	Yes
	Protection degree	Ip20
	Reference temperature for setting of thermal element(°C)	30
	Ambient temperature (with daily average $\leq 35^{\circ}\text{C}$)	-5...+40
	Storage temperation (°C)	-25...+70
Installation	Terminal connection type	Cable/Pin-type busbar
	Terminal size top/bottom for cable	25mm ² / 18-3 AWG
	Terminal size top/bottom for Busbar	10mm ² / 18-8 AWG
	Tightening torque	2.5 N*m / 22 In-lbs.
	Mounting	On DIN rail EN 60715 (35mm)
	Connection	From top or bottom are available



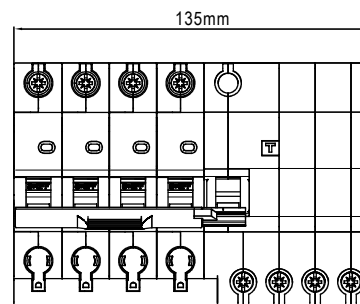
1P+N



2P



3P+N



4P

