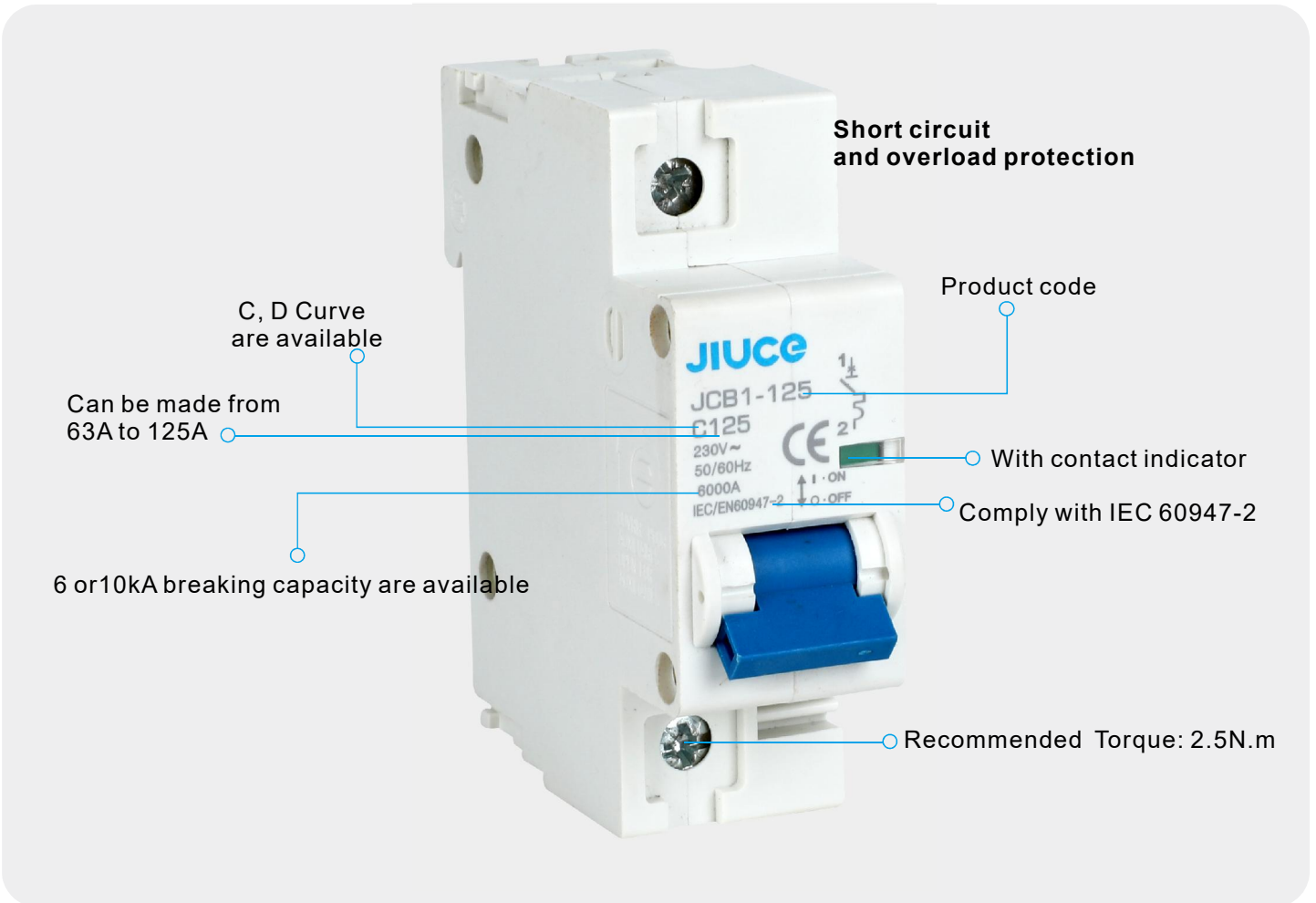


○ JCB1-125 125A Miniature Circuit Breaker (MCB) 10kA

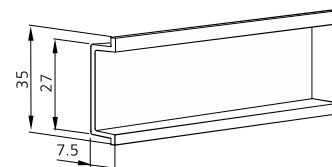
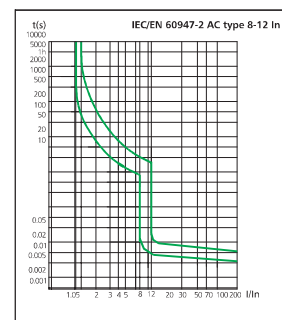
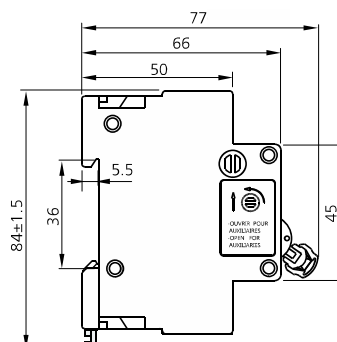
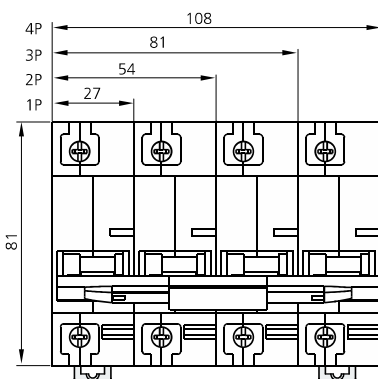






Function

- Short circuit and overload protection
- Breaking capacity: 6kA/10kA
- With contact indicator
- 27mm module width
- Available from 63A to 125A
- 1 Pole, 2 Pole, 3 Pole, 4 Pole are available
- Comply with IEC 60947-2

Application

JCB1-125 circuit-breakers are used in domestic installation, as well as in commercial and industry electrical distribution systems.



Product code	JCB1-125			
Picture				
Pole	1 Pole	2 Pole	3 Pole	4 Pole
	Standard		IEC/EN 60947-2	
Electrical features	Rated current I_n (A)		63, 80, 100, 125	
	Poles		1P, 1P+N, 2P, 3P, 3P+N, 4P	
	Rated voltage U_e (V)		230/400~ 240/415	
	Insulation voltage U_i (V)		500	
	Rated frequency		50/60Hz	
	Rated breaking capacity		6kA, 10 kA	
	Energy limiting class		3	
	Rated impulse withstand voltage (1.2/50) U_{imp} (V)		4000	
	Dielectric test voltage at ind. Freq. for 1 min (kV)		2	
	Pollution degree		2	
Thermo-magnetic release characteristic		8-12 I_n , C curve		
Mechanical features	Electrical life		1,500 ($I_n=63A, 80A, 100A$), 1,000 ($I_n=125A$)	
	Mechanical life		8,500 ($I_n=63A, 80A, 100A$), 7,000 ($I_n=125A$)	
	Contact position indicator		Yes	
	Protection degree		IP 20	
	Reference temperature for setting of thermal element (°C)		30	
	Ambient temperature (with daily average $\leq 35^\circ\text{C}$)		-5...+40 °C	
	Storage temperature (°C)		-25. . . +70 °C	
Installation	Terminal connection type		Cable/Pin-type busbar	
	Terminal size top/bottom for cable		16-50mm ² / 6-1/0 AWG	
	Terminal size top/bottom for busbar		16-35mm ² / 6-2 AWG	
	Tightening torque		3.5 N*m / 31 In-lbs.	
	Mounting		On DIN rail EN 60715 (35mm)	
	Connection		From top and bottom	
Combination with accessories	Auxiliary contact		Yes	
	Shunt release		Yes	
	Under voltage release		Yes	
	Alarm contact		Yes	