







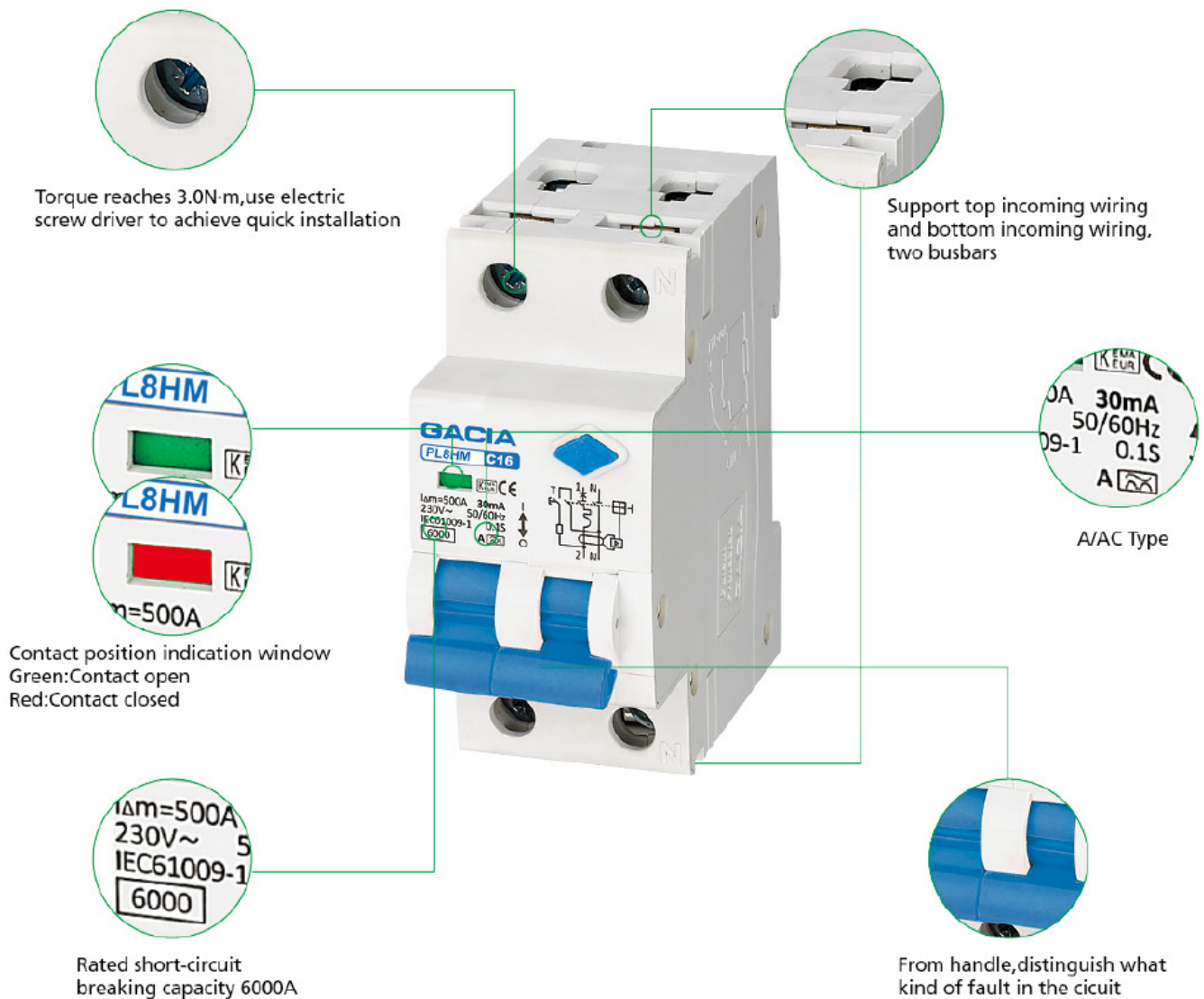


Model		PL8HM	PL8HE	PL8NT	PL8M4
IEC/EN 61009-1					
Poles		1P+N	1P+N	1P+N	3P+N
Certification					
Electrical Specification					
Rated current(A)	I_n	6-32	6-32	6-32	6-40
Rated frequency(Hz)		50/60	50/60	50/60	50/60
Rated working voltage(V)	U_e	230	230	230	230
Rated insulated voltage(V)	U_i	400	400	400	400/415
Rated impulse withstand voltage(kV)	U_{imp}	4	4	4	4
Rated short-circuit breaking capacity(KA)	I_{cs}	6	6	4.5	6
Rated Residual current(mA)	$I_{\Delta n}$	30,100,300	30,100,300	30,100,300	30,100,300
Thermo-magnetic release characteristic		B,C,D	B,C,D	B,C	B,C
Residual current protection type		Electromagnetic	Electronic	Electronic	Electromagnetic
Residual current working type		A,AC	A,AC	A,AC	A,AC
Rated residual making and breaking capacity(A) $I_m/I_{\Delta m}$		500	500	500	500
Dielectric test voltage(kV)				2.5	
Service life (O-C)	Mechanical Standard value	4000	4000	4000	4000
	Electrical Standard value	2000	2000	2000	2000
Control And Indication					
Shunt release(SHT)			■		
Undervoltage release(UVT)			■		
Auxiliary contact(AUX)			■		
Alarm contact(ALT)			■		
Contact position indicator			■		
Fault indication			-		
Connection And Installation					
Ambient temperature(with daily average $\leq 35^{\circ}\text{C}$)		-25 $^{\circ}\text{C}$ ~+40 $^{\circ}\text{C}$			
Protection degree	ALL sides	IP40			
	Connection terminal	IP20			
Wire(mm ²)		1-16	1-16	1-6	1-6
busbar(mm ²)		16	16	-	16
Mounting		Cable/Busbar	Cable/Busbar	Cable	Cable/Busbar
Pollution degree		2			
Reference temperature for setting of thermal element($^{\circ}\text{C}$)		30			
Storage temperature($^{\circ}\text{C}$)		-25 $^{\circ}\text{C}$ ~+70 $^{\circ}\text{C}$			
Tightening torque		3.0	3.0	2.0	3.0
Connection		Top and bottom	Top	Top	Top and bottom
Dimensions(mm) (WxHxL)	a(2P)	35.7	35.7	17.7	72
	b(2P)	87	87	87	87
	c(2P)	77.5	77.5	77.5	77.5
Weight(kg)	2P	0.18	0.18	0.11	0.36

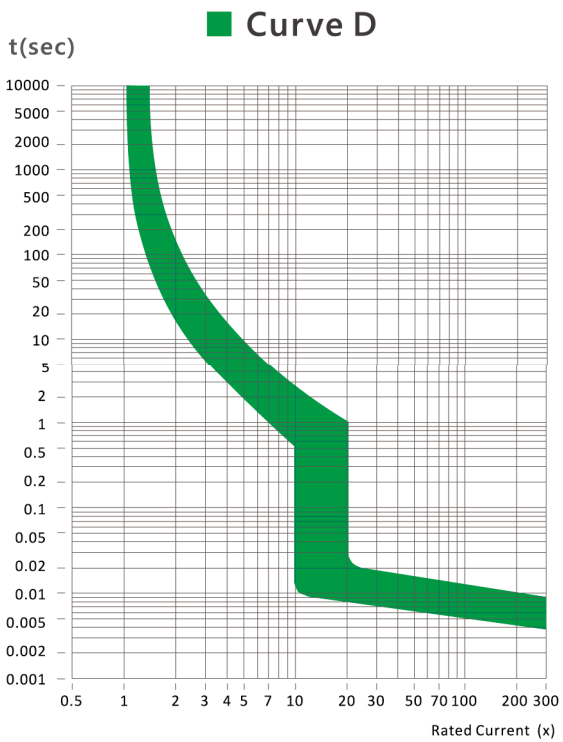
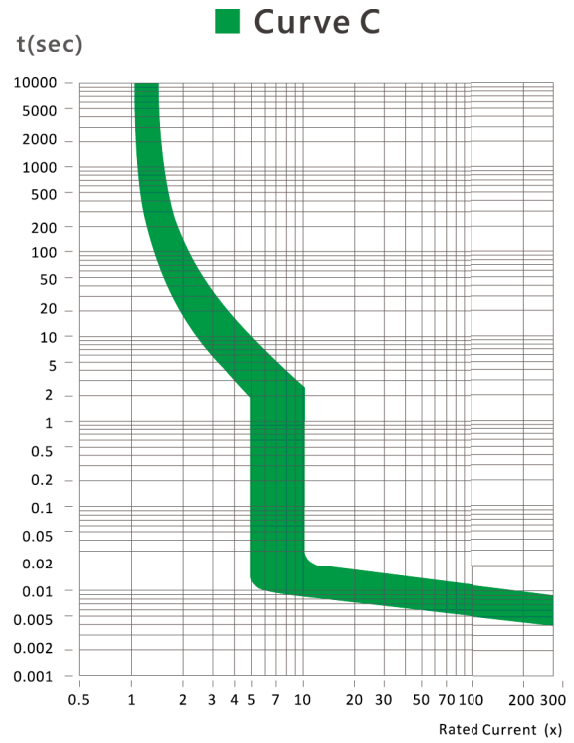
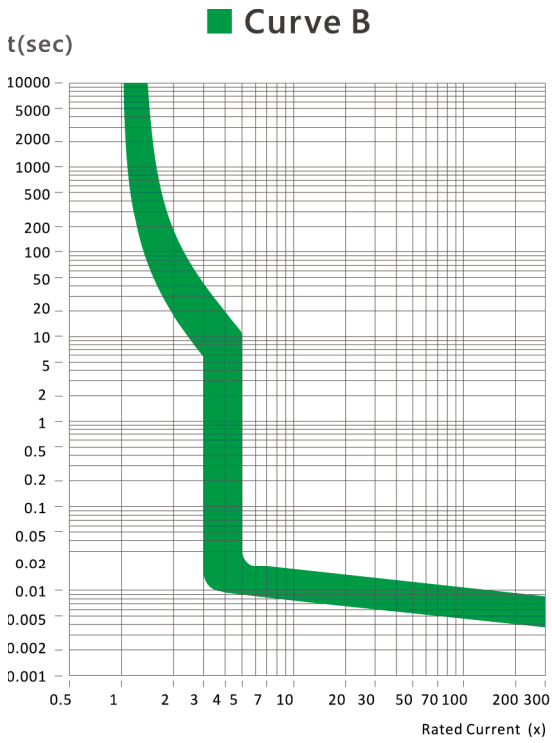
■ Default □ Optional -None



Normal Working Conditions and Installation Conditions

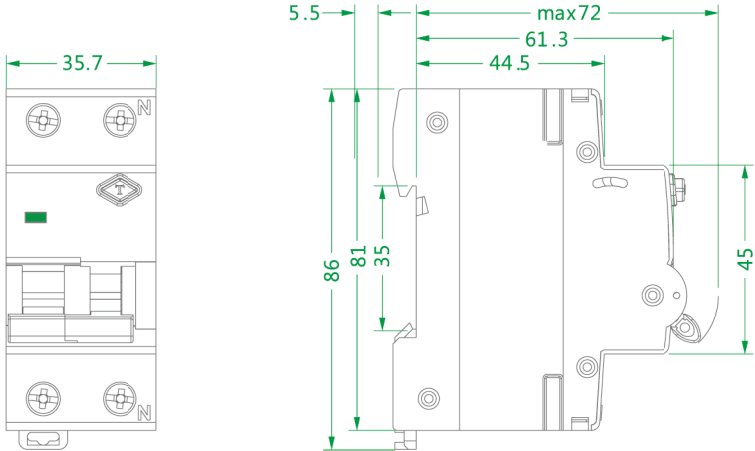
- ◆ Ambient Temperature: -5℃ ~+40℃ .
- ◆ Height above Sea Level: ≤ 2000m
- ◆ Installation Category: II, III
- ◆ Pollution Degree: 2
- ◆ The installation type adopts standard steel guide rail installation (TH35-7.5).
- ◆ Installation Conditions: The external magnetic field of the installation site shall not exceed 5 times of the earth's magnetic field in any direction. When over voltage residual current moves, the circuit breaker shall be installed vertically, and the upward position of the handle shall be connected to the power. The installation should be free from obvious impact and vibration.
- ◆ Mode of Connection: Use screws to press the wiring.

Characteristics Curve



Dimensions

◆ PL8HM/PL8HE



◆ PL8NT

