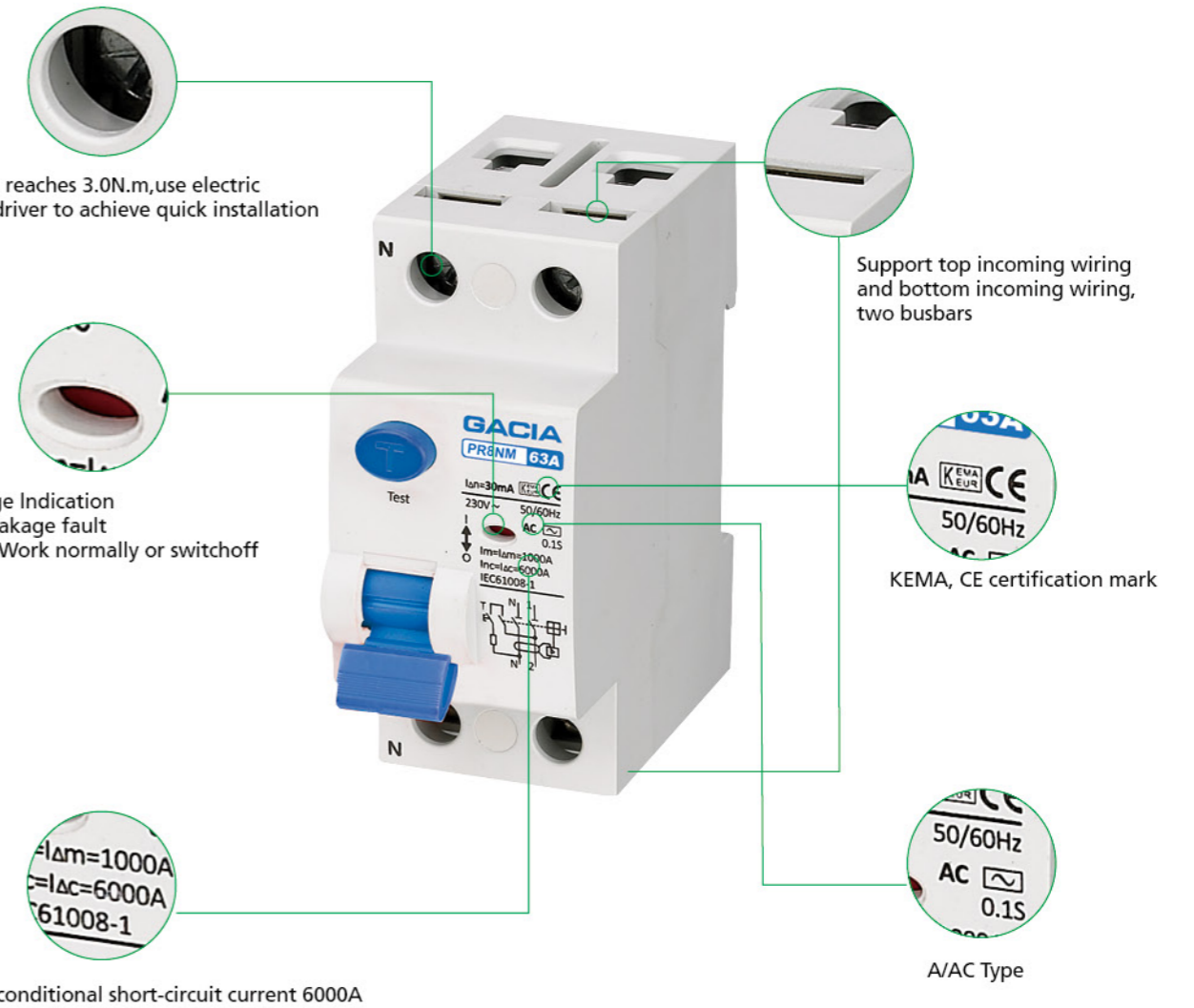


Model		PR8NM	PR8HM	PR8NE	PR8HE
IEC/EN 61008-1					
Poles		2P,4P	2P,4P	2P,4P	2P,4P
Certification					
<b>Electrical Specification</b>					
Rated current(A)	In	16-100A	16-100A	16-100A	16-100A
Rated working voltage(V)	ue	2P:230,4P:400	2P:230,4P:400	2P:230,4P:400	2P:230,4P:400
Rated insulated voltage(V)	ui	500	500	500	500
Impulse withstand voltage(kV)	uimp	6	6	6	6
Rated conditional short-circuit current(kA)	I <sub>nc</sub>	6	10	6	10
Rated Residual current(mA)	I <sub>Δn</sub>	10,30,100,300	10,30,100,300	10,30,100,300	10,30,100,300
Rated Residual making and breaking capacity(A)	I <sub>Δm</sub>	1000	1000	1000	1000
Residual current working type		AC,AC+S,A,A+S	AC,AC+S,A,A+S	AC,AC+S,A	AC,AC+S,A
Residual current Protection type		Electromagnetic	Electromagnetic	Electronic	Electronic
Dielectric test voltage(kV)		2.5			
Service life (O-C)	Mechanical Standard value	4000			
	Electrical Standard value	2000			
<b>Control And Indication</b>					
Shunt release(SHT)		-			
Undervoltage release(UVT)		-			
Auxiliary contact(AUX)		-			
Alarm contact(ALT)		-			
Contact position indicator		-			
Fault indication		□			
<b>Connection And Installation</b>					
Ambient temperature(with daily average≤35℃)		-5℃ ~+40℃			
Protection degree	ALL sides	IP40			
	Connection terminal	IP20			
Wire(mm <sup>2</sup> )		35			
busbar(mm <sup>2</sup> )		35			
Mounting		Cable/Busbar			
Pollution degree		30			
Reference temperature for setting of thermal element(℃)		2			
Storage temperature(℃)		-25℃ ~+70℃			
Tightening torque		Top and bottom	Top and bottom	Top	Top
Connection		36/72			
Dimensions(mm) (WxHxL)	a(2P)	87/87			
	b(2P)	79.5/79.5			
	c(2P)	0.17			
Weight(kg)		2P	0.34		

■ 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.