



SFB2A

- Remote control
- Data measurement monitoring
- Safety status monitoring
- Automatic re-making
- Leakage self-inspection
- Perfect protection function



▪ Home



▪ Building



▪ Apartments



▪ Street lamps



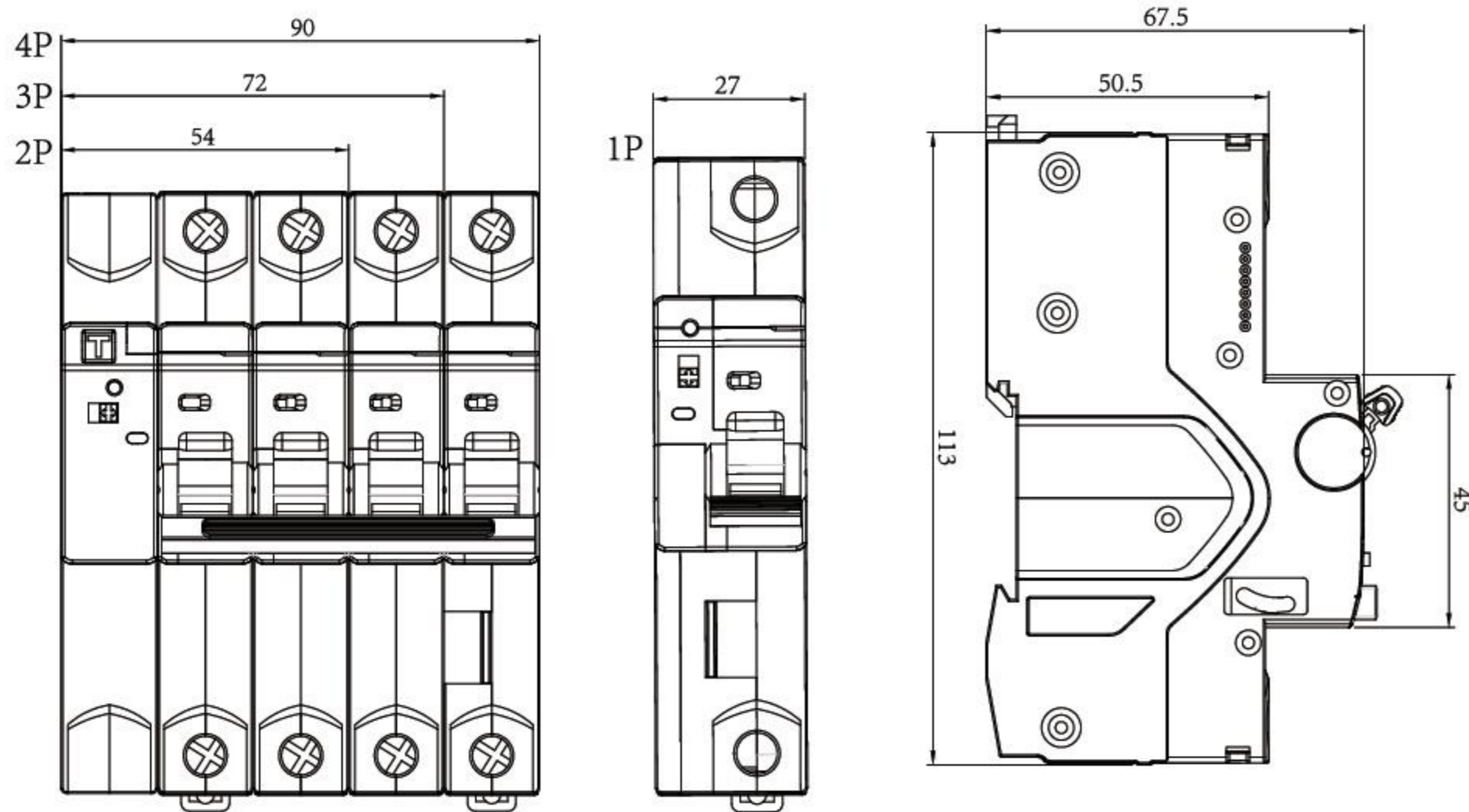
▪ Municipal engineering

Function

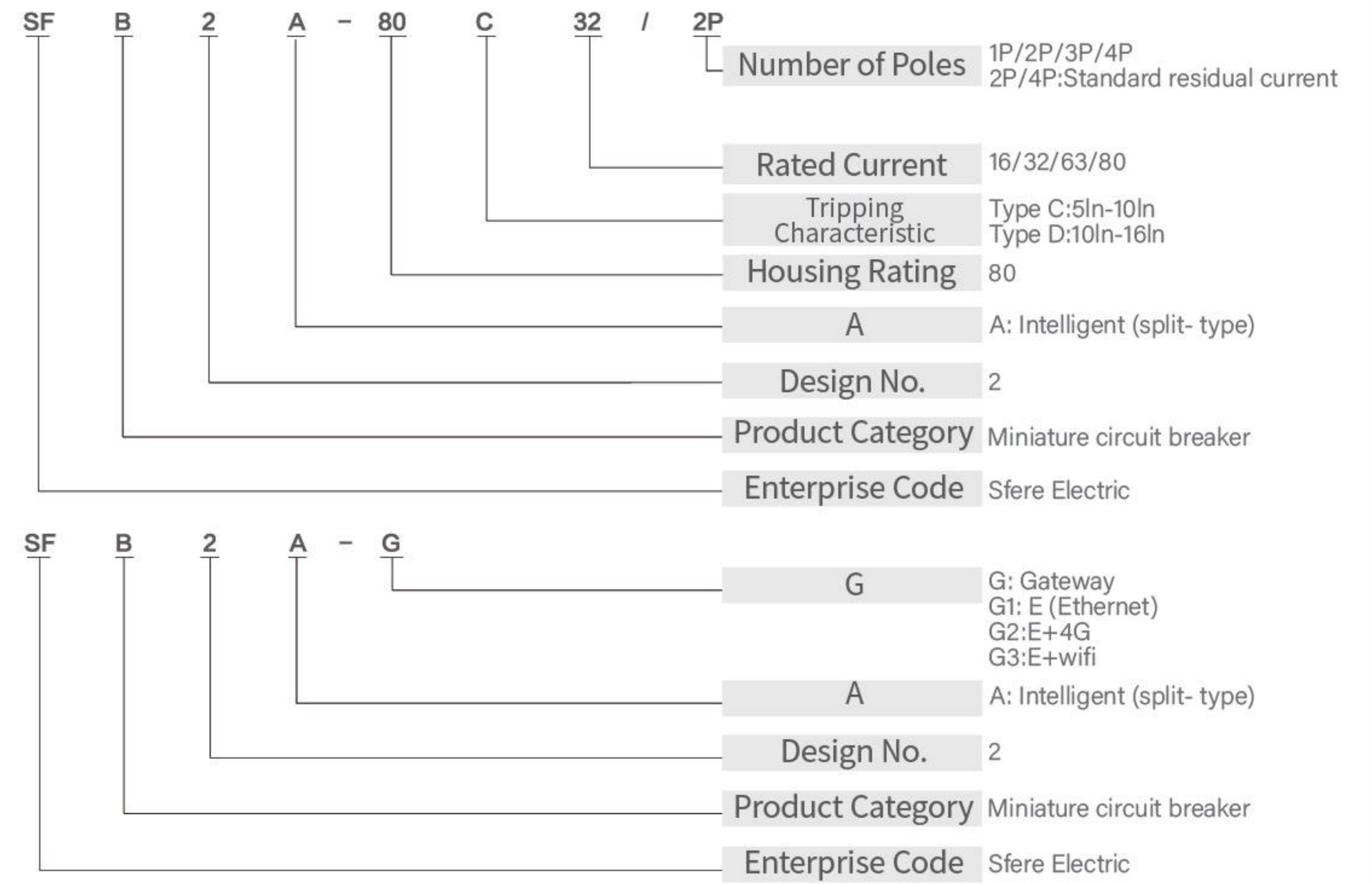
“●” Yes “—” No

Items	SFB2A-series Miniature Circuit Breaker
Local leakage self- inspection	●
APP operating leakage self- inspection	●
Leakage self- inspection	●
Voltage/current monitoring	●
Load limit	●
Short- circuit protection	●
Overload mechanical protection	●
Leakage protection	●
Overload & overcurrent protection	●
Undervoltage alarm	●
Electric energy metering	●
Overvoltage protection	●
Switch overtemperature protection	●
Lightning surge protection	●
Local manual push rod	●
Maintenance safety switch	●
Electric control	●
Remote control	●
Safety information recording	●
Mobile APP management	●
Power consumption statistics	●
Platform centralized management	●

Dimensions



Model Selection



Note: The miniature circuit breaker module must be used together with the gateway.

Technical Specification

" - " No

Items	SFB2A-80□□/1P	SFB2A-80□□/2P	SFB2A-80□□/3P	SFB2A-80□□/4P
Rated current, In(A)	16/32/63/80			63/80
Dimension (L×W×H, mm)	27×76×113	54×76×113	72×76×113	90×76×113
Rated working voltage, Ue (V)	AC230			AC400
Rated impulse withstand voltage (kV)	4			
Standard	IEC60898-1	IEC61009-1	IEC60898-1	IEC61009-1
Rated frequency	50Hz			
Rated insulation voltage	500V			
Rated residual operating current (I Δ n)	-	30mA, type A	-	30mA, type A
Rated short-circuit capacity, Ics	6000A			
Tripping type	Type C/Type D			
Communication type	RS-485			
Leakage type	-	leakage current >20mA; disconnection in 40ms	-	leakage current >20mA; disconnection in 40ms
Overvoltage protection value	Alarm: >250V, breaking: >270V, re-making: 230V		Alarm: >430V, breaking: >475V, re-making: 400V	
Undervoltage protection value	Alarm: <195V, breaking: <175V, re-making: 230V		Alarm: <350V, breaking: <335V, re-making: 400V	
Overtemperature protection value	Alarm: >80 °C, breaking: >85 °C			
Mechanical/electrical life	10000 times			
Power-on delay time	7s			
Automatic making time	3s			
Automatic breaking time	2s			
Protection level	IP20			
Pollution degree	2			
Use environment	The ambient air temperature shall be -5 °C to +40 °C, and the daily average temperature shall not be more than +35 °C, Atmospheric conditions: +40 °C, relative humidity of air: 50% or higher at lower temperature, Altitude: ≤ 2000m			
Installation environment	In the places with no obvious vibration or impact, the product shall be installed on standard DIN rails			