

Product datasheet

Specifications

Intelligent Capacitor

BIC314-5220

Standard	IEC/EN 61921 & GB/T15576-2008
Type	New generation box type, Self healing
Power range	20kVAr
Rated voltage	525V ±20%
Rated frequency	50Hz ±10%
Rated current In	22A
Connection	3-phase
Reactance ratio (%)	14%
Capacitance tolerance	-5% / +10%
Measurement tolerance	Voltage: ≤ ±0.5%(0.8~1.2Un), current: ≤±0.5%(0.2~1.2In) active power: ≤ ±2%, power factor: ≤ ±1%, temperature: ±1°C
Communication interface	RS485
Communication protocol	Modbus protocol / DL645
Dielectric	Metallized polypropylene film with Zn/Al alloy
Impregnation	Non-PCB, biodegradable soft resin
Temperature category	- 25°C to +55°C (class D)
Max altitude	2000 m
Max relative humidity	Relative humidity ≤ 50% at 40°C; ≤ 90% at 20°C
Maximum permissible current	1.5 In
Maximum inrush current	200 In
Statistical life expectancy	> 130,000 Operating hours
Working mode	Continuous
Protective function	Over-voltage protection, under-voltage protection, short-circuit protection, over-current protection, over-harmonic protection, over-temperature protection, drive failure protection
Dimension WxDxH	150x533x357mm

