



BSN 1P



BSN 2P



BSN 3P

Application

BSN series circuit breaker is used in lighting distribution system or motor distribution system for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly and its case and body are adopted with high fire-resistant and shockproof plastic. The product, with long life, is mainly used in AC 50Hz/60Hz single-pole 230V or two, three, four poles 400V circuit for overload and short-circuit protection as well as for unfrequented on-and-off switching electric equipments and lightings in normal condition. This product conform to IEC60898-1.

Main Technical Data

Standard	IEC60898-1	
Number of poles	1P, 2P, 3P, 4P	
Rated current(I _n)	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	
Rated voltage(U _n)	AC230/400V	
Rated frequency	50/60Hz	
Tripping curve	B, C	
Release action characteristics	Time delay	1.13I _n ≥1h non-trip
		1.45I _n <1h trip
	Instantaneous (Curve C)	2.55I _n 1S <60S trip
Magnetic releases operate	≥ 0.15 non-trip	
	< 0.15 trip	
Rated breaking capacity(I _{cn})	B curve: between 3 and 5I _n C curve: between 5 and 10I _n	
Endurance	4500A, 6000A	
Endurance	≥ 2000	
Circumstance temperature	-5°C +40°C	
Electrical life	≥ 10000 times	
Mechanical life	20000 times	
Mounting	On 35mm DIN rail	
Protection degree	IP20	

Dimension and Mounting

