

### STGN series Mini Circuit Breaker

#### APPLICATIONS

STGN series circuit breaker is used in lighting distribution system or motor distribution system for protecting overload and shortcircuit 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 it's installation uses with guide, it's case and body are adopted with high fire-resistant and shockproof plastics. The product, with long life, is mainly used in AC 50Hz/60Hz single pole 240V or two, three, four-poles 415V circuit for overload and shortcircuit protection as well as for unfrequent on-and-off switching electric equipment and lighting circuit in normal case. This product conform to GB10963, IEC60898, BS3871.



STGN 1P



STGN 2P



STGN 3P

#### BREAKING CAPACITY

Standard	Rated current (A)	Poles (P)	Rated voltage (V)	Breaking capacity (A)	
BS3871-1 IEC60898	1 to 40	1	240	6000	
		2,3,4	415	6000	
	50 to 60	1	240	4000	
		2,3,4	415	4000	
		1	220/240	10000	
		2,3,4	220/240	20000	
IEC157-1	1	2,3,4	380/415	10000	
		1	220/240	8000	
		2,3,4	220/240	20000	
	3	2,3,4	380/415	8000	
		1	220/240	7000	
		2,3,4	220/240	16000	
	50	2,3,4	380/415	8000	
		1	220/240	6000	
		2,3,4	220/240	10000	
		2,3,4	380/410	6000	
		60	1	220/240	5000
			2,3,4	220/240	10000
2,3,4	380/410		5000		
BS3871-1 IEC60898	1 to 40	1	240	4000	
		2,3,4	415	4000	
	1 to 40	1	220/240	6000	
		2,3,4	220/240	12000	
IEC157-1	1 to 40	2,3,4	380/415	6000	

#### SPECIFICATION

Protection span	Overload and short circuit protection
Rated current In	1,2,3,4,10,16,20,25,32,40,50,63A
STGN	2,4,6,10,16,20,25,32,40,50A
Characteristic	B,C,D characteristic (STGM type to B,C characteristic)
Pole	1P,1P+N,2P,3P,3P+N,4P (STGM type without 1P+N and 3P+N)
Breaking capacity	AC230V: 6kA AC230/400V: 6kA 4.5kA AC230/400V
Compliance standard	IEC60898
Tripper type	Thermomagnetil type
Electric life	10000 time
Mounting	Track of 35mm of
Width	One 17.8mm
Terminal	Square hole press line type(connect with cables of 25mm <sup>2</sup> )