

# SSPC RANGE

SOLID STATE POWER CONTROLLER  
ENERGY MANAGEMENT AND DISTRIBUTION



## SSPC RANGE | FEATURES

### Mission

ICube has all functional and performance advantages over electromechanical circuit breakers and relays

ICube is the solution you need to save weight, to save volume, to save money and to ensure systems diagnostics and prognostics.

- 1** Dimensions: 85x35x22mm  
Weight: 130g  
Input voltage: 9 to 44V  
Nominal current range: 30 to 250A  
Working temperature: -33°C to +85°C  
Storage temperature: -55°C to +125°C  
EMC: Conducted, radiated: GAM EG13  
Channels: 1 way  
Interfaces: Flat Aluminium Sole Plate  
Response time: <600µs  
Instant trip level: Up to 500% of current rating  
Inductive switching: Calculated according to your needs  
Overload capability: Up to 500A for 1s, up to 750A for 100ms

- 2** Dimensions: 85x138x22mm  
Weight: 500g  
Input voltage: 9 to 44V  
Nominal current range: 150 to 300A/ch  
Working temperature: -40°C to +85°C  
Storage temperature: -55°C to +125°C  
EMC: Conducted, radiated: GAM EG13  
Channels: 2 ways  
Interfaces: Flat Aluminium Sole Plate  
Response time: <600µs  
Instant trip level: Up to 1,500% of programmed current rating  
Inductive switching: Calculated according to your needs  
Overload capability: Up to 2000A for 5s

- 3** Dimensions: 150x150x50mm  
Weight: 250g  
Input voltage: 0 to 270V  
Nominal current range: 15A  
Working temperature: -55°C to +85°C  
Storage temperature: -40°C to +85°C  
EMC: Conducted, radiated: GAM EG13  
Channels: 2 ways  
Interfaces: Flat Aluminium Sole Plate  
Response time: <2ms  
Instant trip level: Up to 1,5500% of current rating  
Inductive switching: Calculated according to your needs  
Overload capability: Up to 20A for 5s

- 4** Dimensions: 138x82x27mm  
Weight: 250g  
Input voltage: 9 to 60V  
Nominal current range: 280A  
Working temperature: -40°C to +85°C  
Storage temperature: -55°C to +125°C  
EMC: Conducted, radiated: GAM EG13  
Channels: 20 ways  
Interfaces: Flat Aluminium Sole Plate  
Response time: <2ms  
Instant trip level: Up to 1,500% of current rating  
Inductive switching: Calculated according to your needs  
Overload capability: Up to 20A

- 5** Dimensions: 80x140x30mm  
Weight: 400g  
Input voltage: 14V to 150V  
Nominal current range: 50 to 400A  
Working temperature: -50°C to +85°C  
Storage temperature: -55°C to +125°C  
EMC: Conducted, radiated: GAM EG13  
Channels: 1 way  
Interfaces: Flat Aluminium Sole Plate  
Response time: <1µs  
Instant trip level: Up to 600% of current rating  
Inductive switching: Calculated according  
Overload capability: Up to 2000A for 5s

EQUIPMENT