

Low Voltage Direct Current Technologies

# 375V/50A Uni-directional

## Solid-State DC Circuit Breaker



Solid-state DC Circuit Breaker is an ultra-fast protective device against short circuit, overload and under/ overvoltage for DC electrical systems.

- Wide operating voltage range 200 – 400V DC
- Adjustable current rating/thermal trip curve
- Internal inrush limiting
- Remote/On-site control and monitoring

### Ultra-Fast & Safe Protection

Semiconductor based with high-speed algorithm protect DC electrical system x100 times faster than conventional MCBs or fuses.

### Superior Performance

High peak efficiency of up to 99.9%. Quiet operation with no acoustic noise by natural cooling.

### Remote/On-site Control

Support remote and on-site control and monitoring. Adjustable current rating/thermal trip curve

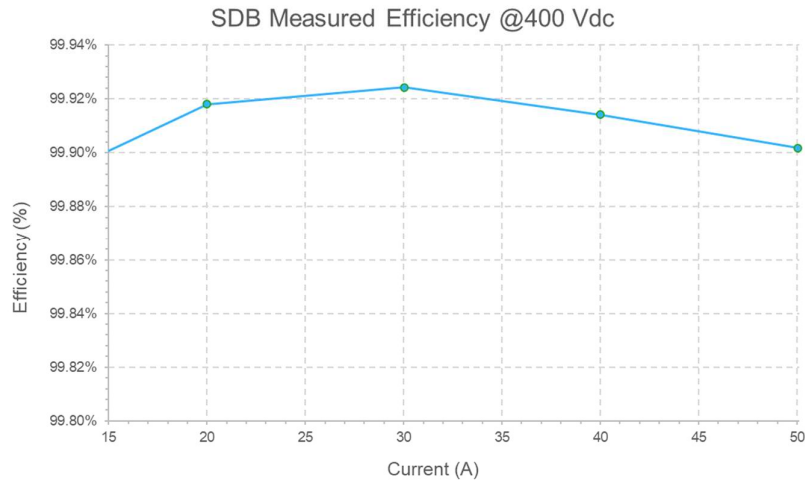
# 375V/50AU



## Solid-State DC Circuit Breaker

Product Specification	
Technical	
Nominal Voltage	375V DC
Voltage Range	200 – 400V DC
Nominal Current	50A
No. of poles	2
Protection	Short circuit, Overload, OVP, UVP
Rated short-circuit capability	-
Efficiency	>99% from 10% to 100% load
Inrush Limiter	2.5Ω 3W
General	
Cooling	Natural Cooling
Operating Environment	0 - 40°C / 0 - 95% RH non-condensing
	Current linear derated
	From 50A @40°C
	to 40A@50°C to 30A@60°C
Dimension (cm)	5.5(w) x 21.7(h) x 11.4(l)
Communication	Wi-Fi
Light Indication	Normal ON - Blue stable
	Normal OFF - No light
	- -
Installation	Din-rail
Installation Position	Vertical
Configuration Method	Touch panel / Internet remote
Degree of Protection	IP21

# Efficiency Curve:



# Breaking Capability:

