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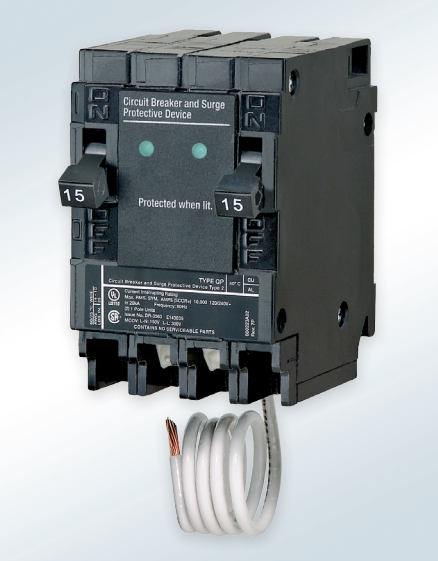
Circuit Breaker and Surge Protective Device (SPD)

The Siemens circuit breaker and Surge Protective Device (SPD) is comprised of a highly effective TVSS integrated with (2) 1-pole circuit breakers. This device incorporates the robust features of a secondary circuit breaker surge arrester with a lower clamping voltage ratings.

Two green LED indicator lights are provided to show that surge protection is provided for all circuits connected to the panelboard. As a Siemens exclusive feature, the device notifies the owner of loss of surge protection by tripping one or both of the circuit breakers.

The circuit breaker and SPD utilize Siemens-built 150V AC, 40mm, metal oxide varistors (MOVs). The maximum impulse rating for the SPD module is 40kA. The standard interrupting rating for the circuit breakers is 10k AIC. The circuit breakers are SWD and HACR rated.

All Type QP circuit breakers and SPD are plug-on style, with load terminals provided. The devices are rated for 120/240V AC and are calibrated for 40°C maximum ambient applications.



Features

	Catalog number QSA1515SPD QSA2020SPD
15 Amp **20 Amp**	
Amperage	15 or 20 Amp
Number of poles	(2) 1-Pole circuit breakers
Initial clamping level	240 Volts
Transient energy rating	360 Joules, line-to-neutral 720 Joules, line-to-line
Transient suppression	500 Volts peak, line-to-neutral
Voltage rating	1000 Volts peak, line-to-line
Peak current rating (impulse)	40,000 amperes
Discharge voltage characteristic	@ 1,500A, 600 Volts, line-to-neutral @ 5,000A, 800 Volts, line-to-neutral
Discharge current withstand rating	10,000 amperes, line-to-neutral
Circuit breaker interrupting rating	10,000A, 120/240V AC
House wiring system warranty amount	$20,000
Warranty period	24 months
Listings/certifications	UL, CSA, Meets UL 1449 3rd edition

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