

Sigen Smart Breaker

Sigen Smart Breaker	SP-16	SP-32	SP-63	TP-16	TP-32	TP-63	Units	
Number of poles (protected)	2P			4P				
Nominal voltage	230 / 240			400 / 415				Vac
Nominal current	16	32	63	16	32	63	A	
Power accuracy class	Class B(Class 1)							
Protection ¹	Overcurrent/Undervoltage/Overvoltage/Underfrequency/Overfrequency protection							
Communication parameters	1200/2400/4800/9600/19200 (Default: 9600) 1 stop bit, 8 data bits, no parity							bps
Operating temperature range	-25 ~ 70							°C
Nominal short-circuit capacity	6000							A
Over/Under Voltage Trip Time	≤ 30							ms
Over/Under Frequency Trip Time	≤ 200							ms
Electrical Endurance	10,000							cycles
Max. operating altitude	2000							m
Dimensions (W / H / D)	53.5 / 98 / 66			90 / 98 / 66				mm
Weight	343			659				g
Standard Appliance	Low Voltage Directive:2014/35/EU, RoHS Directive:2011/65/EU, RoHS Directive:2015/863/EU, REACH Regulation EC 1907/2006, BS EN 60898-1:2019+A11:2024							

1. Over/under voltage and frequency protection is active only for 3rd-party inverter integration; it is not applicable to smart loads.