Molded Case Circuit Breakers
Power Management System Accessories

Spectra™ RMS Circuit Breakers with *micro*EntelliGuard™, MicroVersaTrip™ Plus and MicroVersaTrip™ PM Trip Units
All Devices UL Listed for Factory or Field Installation (UL File No. E-57253)

Required Accessories

MicroVersaTrip™ Plus	MicroVersaTrip™ PM	*micro*EntelliGuard™	Feature	Required Accessories
•	•	•	Ground Fault (3 phase/4-wire or 1 phase/3-wire)	Neutral CT and Terminal Board (or Junction Box + Distribution Cable)
		•	Neutral Protection	
		•	Ground Fault Alarm (3 phase/4-wire or 1 phase/3-wire)	Power Supply (Plate Assy[2])
•	•	•	Control Power	Voltage Module[1] or Power Supply Plate/Assy[2]
	•	•	Advanced Metering, Protective Relays	Power Supply (Plate or Assy[2]) and Voltage Conditioner (Plate or Assy) or Voltage Module and Terminal Board (or Junction Box) and Distribution Cable(s)
	•	•	Communications[3]	Voltage Module[1] or Power Supply Plate/Assy[2] and Terminal Board (or Junction Box) and Distribution Cable(s) and Auxiliary Switch[4]
		•	Zone Selective Interlock (ZSI)	Voltage Module[1] or Power Supply Plate/Assy[2] and Terminal Board with ZSI (or Advanced Junction Box) and Distribution Cable(s) and TIM-1 module
		•	Reduced Energy Let-Through (RELT)	Voltage Module[1] or Power Supply Plate/Assy[2] and Terminal Board w/ RELT (or Advanced Junction Box) and Distribution Cable(s)
		•	Waveform Capture	Voltage Module[1] or Power Supply Plate/Assy[2] and Terminal Board (or Advanced Junction Box) and Distribution Cable(s)

[1]For installation into GE Spectra™ Series Switchboards only
[2]Requires fuse protection and other components - refer to accessory instruction sheet
[3]MicroVersaTrip™ PM (Commnet), *micro*EntelliGuard™ (Modbus)
[4]Requires Auxiliary Switch with gold-plated contacts

Power Supply Plate

The Power Supply Plate is used to provide +24 Vdc control power to Spectra™ RMS molded case circuit breakers with *micro*EntelliGuard™, MicroVersaTrip™ Plus and MicroVersaTrip™ PM trip units via the Distribution Cable System. The Power Supply Plate includes the Power Supply Assembly (product number SPSAA) as an integral component and also includes fuse protection for AC source input. Supplemental +24 Vdc input terminals are provided for backup control power applications. Not suitable for 400 Hz.

Description	Voltage Rating	Product Number
The Power Supply Plate is rated 24 watts (+24 Vdc at 1.0 amperes) and has the maximum capacity to power a distribution Cable System consisting of 20 breakers and has a maximum system cable length of 40 feet.	120 Vac	SPSA120
	208 Vac	SPSA208
	240 Vac	SPSA240
	480 Vac	SPSA480
	600 Vac	SPSA600

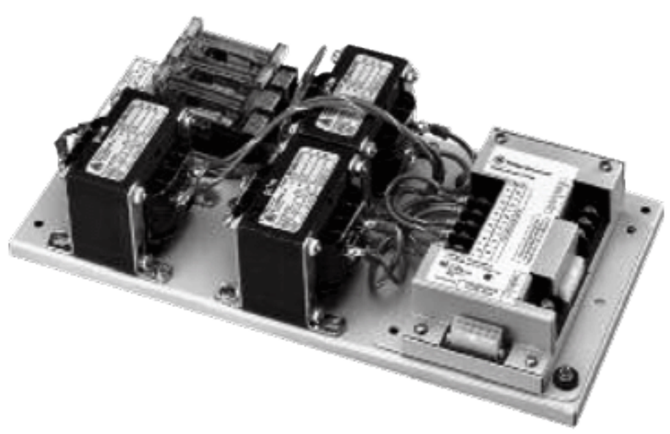
Power Supply Plate

Voltage Conditioner Plate

The Voltage Conditioner Plate is used to provide voltage sensing signals to Spectra™ RMS molded case circuit breakers with *micro*EntelliGuard™ and MicroVersaTrip™ PM trip units via the distribution cable system. The Voltage Conditioner Plate includes the Voltage Conditioner Assembly (product number SVCAA) as an integral component and also includes fuse protection for the AC source input terminals and three 1-VA high accuracy potential transformers. The Voltage Conditioner Plate requires a control power source of +24 Vdc to operate properly (the Power Supply Assembly or Power Supply Plate can provide this required input). The unit also requires AC direct voltage inputs from the AC source. A communications network connection is provided. Not suitable for 400 Hz.

Voltage Rating and Service Type	Comments	Product Number
120 Vac Wye system	Phase to Neutral potential	SVCA120Y
208 Vac Wye system	Phase to Phase potential	SVCA208Y
240 Vac Delta system	Phase to Phase potential	SVCA240D
277 Vac Wye system	Phase to Neutral potential	SVCA277Y
480 Vac Wye system	Phase to Phase potential	SVCA480Y
480 Vac Delta system	Phase to Phase potential	SVCA480D
600 Vac Delta system	Phase to Phase potential	SVCA600D

Note: The Voltage Conditoner Plate has the maximum capacity to power a Distribution Cable System consisting of 20 breakers and has a maximum system cable length of 40 feet.



Voltage Conditioner Plate