

# Support Modules

## 120 V AC Power

Part Number	Meters With No Outputs	Module Outputs
SM90105	AC, DC, TRMS, Clock, Temperature	Not Applicable
SM90112		2 – 28 V DC
SM90176	Counter, Timer, Stopwatch, Speed/Rate/Frequency (Require Option 61)	Not Applicable
SM90183		2 – 28 V DC
Part Number	Meters with Set Point Outputs	Module Outputs
SM90106	AC, DC, TRMS, Temperature	Open Collector
SM90109		Relay
SM90113		Open Coll. , 2 – 28 V DC
SM90114		Relay, 2 – 28 V DC
SM90176	Counter, Timer (Require Option 61)	Open Collector
SM90179		Relay
SM90183		Open Coll. , 2 – 28 V DC
SM90184		Relay, 2 – 28 V DC
SM90184		Relay, 2 – 28 V DC
Part Number	Meters with Parallel BCD Outputs**	Module Outputs
SM90101	AC, DC, Temperature, Remote Display	Not Applicable
SM90102		2 – 28 V DC

## 120 V AC Power with Optical Isolation

Part Number	Meters With Parallel BCD Outputs**	Module Outputs
SM90103	AC, DC, TRMS, Temperature	5 V DC and 12 V DC
SM90140	Remote Display 1496	
SM90141	Remote Display 1497	

\*\*For Tristate contact factory.

## 12 V DC Power

Part Number	Meters With No Outputs	Module Outputs
SM90107	AC, DC, Clock, TRMS, Temperature	Not Applicable
SM90107-SP0234		2 – 10 V DC
SM90178	Counter, Timer, Stopwatch, Speed /Rate /Frequency (Require Option 61)	Not Applicable
SM90178-SP0234		2 – 10 V DC
Part Number	Meters with Set Point Outputs	Module Outputs
SM90108	AC, DC, TRMS, Temperature	Open Collector
SM90111		Relay
SM90108-SP0234		Open Collector 2 – 10 V DC
SM90111-SP0234		Relay, 2 – 10 V DC
SM90178	Counter, Timer (Require Option 61)	Open Collector
SM90181		Relay
SM90178-SP0234		Open Collector 2 – 10 V DC
SM90181-SP0234		Relay, 2 – 10 V DC

## 5 V DC Power

Part Number	Meters With Parallel BCD Outputs**	Module Outputs
SM90100	AC, DC, TRMS, Counter, Temperature, Timer, Remote Display, Comparator	Not Applicable
Part Number	Meters with Serial ASCII Outputs	Module Outputs
SM90106	Programmable Meters	Open Collector

## 120 V AC Power for Programmable Meters

Part Number	Serial ASCII	Open Collector	Two Form C Relays	5 V DC Regulated (Meter Power)	12 V DC (Isolated & Regulated)	20 mA Current Source (Isolated & Regulated)
Remote Display (4484)						
SM90150	●	●		●		
SM90151	●		●	●		
SM90156	●	●		●		●
SM90157	●		●	●		●
SM90166	●		●	●	●	
SM90168	●	●		●	●	
Counter, Speed/Rate/Frequency and Process Programmable Meters						
SM90152		●		●		
SM90153			●	●		
SM90154	●	●		●		
SM90155	●		●	●		
SM90158		●		●		●
SM90159			●	●		●
SM90160	●	●		●		●
SM90161	●		●	●		●
SM90162		●		●	●	
SM90163			●	●	●	
SM90164	●	●		●	●	