

# DC SOLAR CELL CURRENT MONITOR

## With DC Analog Output

SCM-SERIES

### SPECIFICATIONS

**INPUT CURRENT OPTIONS:** 0-5, 0-10, 0-15ADC  
**CURRENT OVERRANGE:** 3 Times nominal current  
 (3 Seconds)  
**ACCURACY CLASS:** 1% at Room Temperature  
**ANALOG OUTPUT OPTIONS:** SEE CHART

**ISOLATION:** 1 kV - 1 Minute  
**OPERATING TEMPERATURE:** -10 to + 50 Deg. C  
**STORAGE TEMPERATURE:** -20 to + 80 Deg. C  
**AUXILIARY POWER:** 12 Volts DC  
 (24 VDC Optional)

**DIMENSIONS:** 46277 DIN-Rail Enclosure  
 Models with 2.5 VDC Output  
 Other Models  
 4.5 x 3.5 x 1.25"

### Applications and Features

FOR MONITORING SOLAR CELL DC CURRENT

BASIC UNIT IS MODEL SCM-15-2.5 IN A COMPACT DIN ENCLOSURE  
 LESS THAN 1 INCH WIDE FOR DC AUXILIARY POWER.  
 IT CAN BE STACKED FOR MULTI CELLS INSTALLATIONS

MODELS ARE PACKAGED IN WIDER DIN ENCLOSURES

AUXILIARY POWER of 120 or 240 Volts 50-60 Hz ARE OPTIONAL

SPECIAL INPUT AND OUTPUT RANGES ARE AVAILABLE

Specifications subject to change without notice.

THIS PRODUCT WILL BE AVAILABLE IN THE FALL of 2009



SCM-15-2.5 MONITOR WITH  
 INTERNAL CURRENT SENSOR

MODEL SELECTION CHART							
Full-Scale CURRENT	CURRENT SENSOR	ANALOG OUTPUT SIGNAL					
		1 VDC	2.5 VDC	1 mADC	10 mADC	4-20 mADC	CUSTOM
5 ADC	INTERNAL	SCM-5-1	SCM-5-2.5	SCM-5-1M	SCM-5-10M	SCM-5-4/20M	
10 ADC	INTERNAL	SCM-10-1	SCM-10-2.5	SCM-10-1M	SCM-10-10M	SCM-10-4/20M	
15 ADC	INTERNAL	SCM-15-1	SCM-15-2.5	SCM-15-1M	SCM-15-10M	SCM-15-4/20M	

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