

## Crompton Switchboard Meters

- 250° Linear Scale
- AC Instruments with True RMS Circuit
- Rugged Pivot & Jewel Movement
- IP54 Front
- cUL & CE Certifications
- ANSI C39.1 Performance
- Terminal Cover (007 Case)

### AC/DC SWITCHBOARD METER SPECIFICATIONS

Accuracy:	±1% Full Scale
Response Time:	Approx. 2.5 Seconds to Full Scale
Scale Arc:	250° Full Scale Deflection
Overshoot:	33% Maximum
Continuous Overload:	Ammeter: 2x, Voltmeter: 1.2x
Momentary Overload (1 second):	AC ammeter: 50x, DC ammeter: 10x
Dielectric Withstand:	2300 VAC for 1 Minute
Operating Temperature:	0°C to 60°C (078: -20°C to 65°C)
Size (H x W x D):	4.3" x 4.3" x 2.4" (007 case)
(Add 1"D for terminal studs)	4.3" x 4.3" x 3.4" (078 case)
studs)H x W x D	

### AC AMMETERS - RMS READING SELF CONTAINED

Rating	Scale	Standard Case Catalog Number	4 1/2" Square Flange Hi-Shock Case Catalog Number
1A	0-1A	007-05FA-LALA-C7	078-05FJ-LALA-C6
1.5A	0-1.5A	007-05FA-LCLC-C7	078-05FJ-LCLC-C6
2A	0-2A	007-05FA-LELE-C7	078-05FJ-LELE-C6
3A	0-3A	007-05FA-LJLJ-C7	078-05FJ-LJLJ-C6
5A	0-5A	007-05FA-LSLS-C7	078-05FJ-LSLS-C6
7.5A	0-7.5A	007-05FA-MFMF-C7	078-05FJ-MFMF-C6
10A	0-10A	007-05FA-MTMT-C7	078-05FJ-MTMT-C6
15A	0-15A	007-05FA-NDND-C7	078-05FJ-NDND-C6
20A	0-20A	007-05FA-NGNG-C7	078-05FJ-NGNG-C6
30A	0-30A	007-05FA-NLNL-C7	078-05FJ-NLNL-C6

007 ▶



### AC VOLTMETERS - RMS READING SELF CONTAINED

Rating	Scale	Standard Case Catalog Number	4 1/2" Square Flange Hi-Shock Case Catalog Number
150V	0-150V	007-05GA-PZPZ-C7	078-05GJ-PZPZ-C6
250V	0-250V	007-05GA-RSRS-C7	078-05GJ-RSRS-C6
300V	0-300V	007-05GA-RRXR-C7	078-05GJ-RRXR-C6
500V	0-500V	007-05GA-SFSF-C7	078-05GJ-SFSF-C6
600V	0-600V	007-05GA-SJSJ-C7	078-05GJ-SJSJ-C6
750V	0-750V	007-05GA-SMSM-C7	078-05GJ-SMSM-C6

### AC AMMETERS - RMS READING TRANSFORMER RATED

5A	0-10A	007-05FA-LSMT-C7	078-05FJ-LSMT-C6
5A	0-15A	007-05FA-LSND-C7	078-05FJ-LSND-C6
5A	0-20A	007-05FA-LSNG-C7	078-05FJ-LSNG-C6
5A	0-25A	007-05FA-LSNJ-C7	078-05FJ-LSNJ-C6
5A	0-30A	007-05FA-LSNL-C7	078-05FJ-LSNL-C6
5A	0-40A	007-05FA-LSNP-C7	078-05FJ-LSNP-C6
5A	0-50A	007-05FA-LSNT-C7	078-05FJ-LSNT-C6
5A	0-75A	007-05FA-LSPB-C7	078-05FJ-LSPB-C6
5A	0-100A	007-05FA-LSPK-C7	078-05FJ-LSPK-C6
5A	0-150A	007-05FA-LSPZ-C7	078-05FJ-LSPZ-C6
5A	0-200A	007-05FA-LSRL-C7	078-05FJ-LSRL-C6
5A	0-250A	007-05FA-LSRS-C7	078-05FJ-LSRS-C6
5A	0-300A	007-05FA-LSRX-C7	078-05FJ-LSRX-C6
5A	0-400A	007-05FA-LSSC-C7	078-05FJ-LSSC-C6
5A	0-500A	007-05FA-LSSF-C7	078-05FJ-LSSF-C6

### AC VOLTMETERS - RMS READING TRANSFORMER RATED

150V	0-300V	007-05GA-PZRX-C7	078-05GJ-PZRX-C6
150V	0-600V	007-05GA-PZSJ-C7	078-05GJ-PZSJ-C6
150V	0-750V	007-05GA-PZSM-C7	078-05GJ-PZSM-C6
150V	0-3000V	007-05GA-PZUA-C7	078-05GJ-PZUA-C6
150V	0-5250V	007-05GA-PZUL-C7	078-05GJ-PZUL-C6
150V	0-6000V	007-05GA-PZUP-C7	078-05GJ-PZUP-C6
150V	0-9000V	007-05GA-PZUY-C7	078-05GJ-PZUY-C6
150V	0-15 KV	007-05GA-PZWC-C7	078-05GJ-PZWC-C6
150V	0-18 KV	007-05GA-PZWD-C7	078-05GJ-PZWD-C6
150V	0-45 KV	007-05GA-PZWJ-C7	078-05GJ-PZWJ-C6
250V	0-600V	007-05GA-RSSJ-C7	078-05GJ-RSSJ-C6

Custom scales available on request.

007 meters are 50/60 Hz. Hi-Shock meters are 60 Hz, use C5 suffix for 50Hz. operation.

Note: Additional meters with scales up to 8,000A available

### FREQUENCY METERS 120V SELF CONTAINED

Center Frequency	Accuracy Hz	Scale	Standard Case Catalog Number	4 1/2" Square Flange Hi-Shock Case Catalog Number
50 Hz	±0.15	45-55 Hz	007-41LA-PNAG-AG	078-41LJ-PNAG-AG
50 Hz	±0.15	46-54 Hz	007-41LA-PNAH-AH	078-41LJ-PNAH-AH
50 Hz	±0.25	45-65 Hz	007-41LA-PNAJ-AJ	078-41LJ-PNAJ-AJ
60 Hz	±0.25	50-70 Hz	007-41LA-PNAL-AL	078-41LJ-PNAL-AL
60 Hz	±0.15	55-65 Hz	007-41LA-PNAN-AN	078-41LJ-PNAN-AN
60 Hz	±0.15	56-64 Hz	007-41A-PNAO-AO	078-41LJ-PNAO-AO
60 Hz	±0.08	58-62 Hz	007-41A-PNAT-AT	078-41LJ-PNAT-AT

Frequency Meter Depth 3.4"

For 200-250V use code RN instead of PN

## Crompton Switchboard Meters

### DC AMMETERS - SELF CONTAINED

Rating	Scale	4½" Square Flange	
		Standard Case Catalog Number	Hi-Shock Case Catalog Number
200 uA	0-200 uA	007-05AA-EAEA	078-05AJ-EAEA
300 uA	0-300 uA	007-05AA-EEEE	078-05AJ-EEEE
500 uA	0-500 uA	007-05AA-EMEM	078-05AJ-EMEM
800 uA	0-800 uA	007-05AA-EWEW	078-05AJ-EWEW
1 mA	0-1 mA	007-05AA-FAFA	078-05AJ-FAFA
2 mA	0-2 mA	007-05AA-FGFG	078-05AJ-FGFG
5 mA	0-5 mA	007-05AA-FXFX	078-05AJ-FXFX
10 mA	0-10 mA	007-05AA-GZGZ	078-05AJ-GZGZ
20 mA	0-20 mA	007-05AA-HFHF	078-05AJ-HFHF
30 mA	0-30 mA	007-05AA-HMHM	078-05AJ-HMHM
50 mA	0-50 mA	007-05AA-HYHY	078-05AJ-HYHY
100 mA	0-100 mA	007-05AA-JRJR	078-05AJ-JRJR
200 mA	0-200 mA	007-05AA-KAKA	078-05AJ-KAKA
300 mA	0-300 mA	007-05AA-KGKG	078-05AJ-KGKG
500 mA	0-500 mA	007-05AA-KMKM	078-05AJ-KMKM
800 mA	0-800 mA	007-05AA-KWKW	078-05AJ-KWKW
1A	0-1A	007-05AA-LALA	078-05AJ-LALA
5A	0-5A	007-05AA-LSLS	078-05AJ-LSLS
10A	0-10A	007-05AA-MTMT	078-05AJ-MTMT
15A	0-15A	007-05AA-NDND	078-05AJ-NDND
20A	0-20A	007-05AA-NGNG	078-05AJ-NGNG
30A	0-30A	007-05AA-NLNL	078-05AJ-NLNL

### DC AMMETERS - SHUNT RATED

Rating	Scale	4½" Square Flange	
		Standard Case Catalog Number	Hi-Shock Case Catalog Number
50 mV	0-15A	007-05AA-EYND	078-05AJ-EYND
50 mV	0-20A	007-05AA-EYNG	078-05AJ-EYNG
50 mV	0-30A	007-05AA-EYNL	078-05AJ-EYNL
50 mV	0-40A	007-05AA-EYNP	078-05AJ-EYNP
50 mV	0-50A	007-05AA-EYNT	078-05AJ-EYNT
50 mV	0-75A	007-05AA-EYPB	078-05AJ-EYPB
50 mV	0-100A	007-05AA-EYPK	078-05AJ-EYPK
50 mV	0-150A	007-05AA-EYPZ	078-05AJ-EYPZ
50 mV	0-200A	007-05AA-EYRL	078-05AJ-EYRL
50 mV	0-300A	007-05AA-EYRX	078-05AJ-EYRX
50 mV	0-400A	007-05AA-EYSC	078-05AJ-EYSC
50 mV	0-500A	007-05AA-EYSF	078-05AJ-EYSF
50 mV	0-750A	007-05AA-EYSM	078-05AJ-EYSM
50 mV	0-1000A	007-05AA-EYSS	078-05AJ-EYSS
50 mV	0-1200A	007-05AA-EYSU	078-05AJ-EYSU
50 mV	0-1500A	007-05AA-EYTC	078-05AJ-EYTC
50 mV	0-2000A	007-05AA-EYTM	078-05AJ-EYTM
50 mV	0-3000A	007-05AA-EYUA	078-05AJ-EYUA

100mV shunt rated meters also available.

### TRANSDUCER INDICATORS

Rating	4½" Square Flange	
	Standard Case Catalog Number	Hi-Shock Case Catalog Number
1/5 mA DC (suppressed zero)	007-05RA-GM	078-05RJ-GM
4/20 mA DC (suppressed zero)	007-05RA-HG	078-05RJ-HG
10/50 mA DC (suppressed zero)	007-05RA-HZ	078-05RJ-HZ
50-0-50mV DC (shunt rated)	007-05CA-GB	078-05CJ-GB
100-0-100mV DC (shunt rated)	007-05CA-GM	078-05CJ-GM

Custom scale –  
Specify markings and legend



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ANALOG METERS

### DC VOLTMETERS (SENSITIVITY 1000 OHMS PER VOLTS)

Rating	Scale	4½" Square Flange	
		Standard Case Catalog Number	Hi-Shock Case Catalog Number
15V	0-15V	007-05VA-NDND	078-05VJ-NDND
30V	0-30V	007-05VA-NLNL	078-05VJ-NLNL
50V	0-50V	007-05VA-NTNT	078-05VJ-NTNT
75V	0-75V	007-05VA-PBPB	078-05VJ-PBPB
150V	0-150V	007-05VA-PZPZ	078-05VJ-PZPZ
300V	0-300V	007-05VA-RXR X	078-05VJ-RXR X
400V	0-400V	007-05VA-SCSC	078-05VJ-SCSC
500V	0-500V	007-05VA-SFSF	078-05VJ-SFSF
600V	0-600V	007-05VA-SJSJ	078-05VJ-SJSJ
750V	0-750V	007-05VA-SMSM	078-05VJ-SMSM
800V	0-800V	007-05VA-SNSN	078-05VJ-SNSN

### DC VOLTMETERS - ZERO CENTER (2000 OHMS PER VOLT)

Rating & Scale	4½" Square Flange	
	Standard Case Catalog Number	Hi-Shock Case Catalog Number
150-0-150V	007-05NA-RXR X	078-05NJ-RXR X
300-0-300V	007-05NA-SJSJ	078-05NJ-SJSJ
500-0-500V	007-05NA-SSSS	078-05NJ-SSSS
600-0-600V	007-05NA-SUSU	078-05NJ-SUSU

### OPTIONS

- Custom scales
- Color zones
- Red or colored lines or marks
- Customer logo or graphics
- Polychloroprene panel gasket