

Crompton Switchboard Meters

- 250° Linear Scale
- AC Instruments with True RMS Circuit
- Oil Dampened Mechanisms
- IP54 Front
- UL/CSA Approvals
- Optional 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
Position Use:	Vertical (Scale)
Overshoot:	33% Maximum
Dielectric Withstand:	2300 VAC for 1 Minute
Operating Temperature:	-20°C to 65°C
Size (H x W x D, including studs):	4.30" x 4.30" x 2.20" (007 case) 4.30" x 4.30" x 3.40" (077 case) 9.02" x 9.02" x 4.6" (079 case)



077

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	□-05FA-LALA-C6	078-05FJ-LALA-C6
1.5A	0-1.5A	□-05FA-LCLC-C6	078-05FJ-LCLC-C6
2A	0-2A	□-05FA-LELE-C6	078-05FJ-LELE-C6
3A	0-3A	□-05FA-LJLJ-C6	078-05FJ-LJLJ-C6
5A	0-5A	□-05FA-LSLS-C6	078-05FJ-LSLS-C6
7.5A	0-7.5A	□-05FA-MFMF-C6	078-05FJ-MFMF-C6
10A	0-10A	□-05FA-MTMT-C6	078-05FJ-MTMT-C6
15A	0-15A	□-05FA-NDND-C6	078-05FJ-NDND-C6
20A	0-20A	□-05FA-NGNG-C6	078-05FJ-NGNG-C6
30A	0-30A	□-05FA-NLNL-C6	078-05FJ-NLNL-C6

□ Insert 007 for 4 1/2" Plastic Case, 077 for 4 1/2" Metal Case, 079 for 8 3/4" Metal Case

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	□-05GA-PZPZ-C6	078-05GJ-PZPZ-C6
250V	0-250V	□-05GA-RSRS-C6	078-05GJ-RSRS-C6
300V	0-300V	□-05GA-RRXR-C6	078-05GJ-RRXR-C6
500V	0-500V	□-05GA-SFSF-C6	078-05GJ-SFSF-C6
600V	0-600V	□-05GA-SJSJ-C6	078-05GJ-SJSJ-C6
750V	0-750V	□-05GA-SMSM-C6	078-05GJ-SMSM-C6

□ Insert 007 for 4 1/2" Plastic Case, 077 for 4 1/2" Metal Case, 079 for 8 3/4" Metal Case

AC AMMETERS - RMS READING TRANSFORMER RATED

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

Note: Additional meters with scales up to 8,000A available
 □ Insert 007 for 4 1/2" Plastic Case, 077 for 4 1/2" Metal Case, 079 for 8 3/4" Metal Case

AC VOLTMETERS - RMS READING TRANSFORMER RATED

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

□ Insert 007 for 4 1/2" Plastic Case, 077 for 4 1/2" Metal Case, 079 for 8 3/4" Metal Case

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	□-41LA-PNAG-AG	078-41LJ-PNAG-AG
50 Hz	±0.15	46-54 Hz	□-41LA-PNAH-AH	078-41LJ-PNAH-AH
50 Hz	±0.25	45-65 Hz	□-41LA-PNAJ-AJ	078-41LJ-PNAJ-AJ
60 Hz	±0.25	50-70 Hz	□-41LA-PNAL-AL	078-41LJ-PNAL-AL
60 Hz	±0.15	55-65 Hz	□-41LA-PNAN-AN	078-41LJ-PNAN-AN
60 Hz	±0.15	56-64 Hz	□-41A-PNAO-AO	078-41LJ-PNAO-AO
60 Hz	±0.08	58-62 Hz	□-41A-PNAT-AT	078-41LJ-PNAT-AT

□ Insert 077 for 4 1/2" Case, 079 for 8 3/4" Case Frequency Meter Depth 4.6"

Crompton Switchboard Meters

NEW

DC AMMETERS - SELF CONTAINED

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

□ Insert 007 for 4½" Plastic Case, 077 for 4½" Metal Case, 079 for 8¾" Metal Case

007 ▶



ANALOG METERS

DC VOLTMETERS (SENSITIVITY 1000 OHMS PER VOLTS)

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

□ Insert 007 for 4½" Plastic Case, 077 for 4½" Metal Case, 079 for 8¾" Metal Case

DC AMMETERS - SHUNT RATED

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

□ Insert 007 for 4½" Plastic Case, 077 for 4½" Metal Case, 079 for 8¾" Metal Case

DC VOLTMETERS - ZERO CENTER (2000 OHMS PER VOLT)

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

□ Insert 007 for 4½" Plastic Case, 077 for 4½" Metal Case, 079 for 8¾" Metal Case

TRANSDUCER INDICATORS

1/5 mA DC (suppressed zero)	Custom scale –
4/20 mA DC (suppressed zero)	Specify markings and legend
10/50 mA DC (suppressed zero)	
0/10 V DC	
0/50 mA DC	