

Crompton DC Current & Voltage Meters

Challenger and Saxon

- Accuracy: $\pm 2\%$ of Full Scale
- Meets ANSI C39.1
- Four Display Sizes: 1½", 2½", 3½", and 4½"
- Pivot & Jewel Movement
- Replacements for Yokogawa Horizon & Big Look



Challenger 363



Saxon 013

MODEL CODE

| | | |
|---|----------------------|----------------|
| 1 | Insert Model Number: | |
| | 361 | Challenger 1½" |
| | 362 | Challenger 2½" |
| | 363 | Challenger 3½" |
| | 364 | Challenger 4½" |
| | 012 | Saxon 2½" |
| | 013 | Saxon 3½" |

ORDERING INFORMATION

DC Ammeters—Zero Left

| | | |
|-------------|---|--------------|
| 100 μ A | 1 | -01AA-DRDR |
| 200 μ A | 1 | -01AA-EAEA |
| 1 mA | 1 | -01AA-FAFA |
| 10 mA | 1 | -01AA-GZGZ |
| 20 mA | 1 | -01AA-HFHF |
| 4-20 mA | 1 | -01AA-HGHG |
| 25 mA | 1 | -01AA-HJHJ |
| 30 mA | 1 | -01AA-HMHM |
| 50 mA | 1 | -01AA-HYHY |
| 100 mA | 1 | -01AA-JRJR |
| 250 mA | 1 | -01AA-KDKD |
| 500 mA | 1 | -01AA-KMKM |
| 600 mA | 1 | -01AA-KPKP |
| 1 Amp | 1 | -01AA-LALA |
| 1.5 Amp | 1 | -01AA-LCLC |
| 2 Amp | 1 | -01AA-LELE |
| 3 Amp | 1 | -01AA-LJLJ |
| 5 Amp | 1 | -01AA-LSLS |
| 10 Amp | 1 | -01AA-MTMT |
| 15 Amp | 1 | -01AA-NDND** |
| 20 Amp | 1 | -01AA-NGNG** |
| 30 Amp | 1 | -01AA-NLNL** |

DC Ammeters—Zero Left, 50mV, Shunt Rated

Scale Only

| | | |
|----------|---|------------|
| 20 Amp | 1 | -01AA-ECNG |
| 30 Amp | 1 | -01AA-ECNL |
| 50 Amp | 1 | -01AA-ECNT |
| 75 Amp | 1 | -01AA-ECPB |
| 100 Amp | 1 | -01AA-ECPK |
| 150 Amp | 1 | -01AA-ECPZ |
| 200 Amp | 1 | -01AA-ECRL |
| 250 Amp | 1 | -01AA-ECRS |
| 300 Amp | 1 | -01AA-ECRX |
| 400 Amp | 1 | -01AA-ECSC |
| 500 Amp | 1 | -01AA-ECSF |
| 600 Amp | 1 | -01AA-ECSJ |
| 800 Amp | 1 | -01AA-ECSN |
| 1000 Amp | 1 | -01AA-ECSS |

ORDERING INFORMATION

DC Ammeters—Zero Center**

| | | |
|-------------------|---|--------------|
| 100-0-100 μ A | 1 | -01CA-EAEA |
| 200-0-200 μ A | 1 | -01CA-EIEI |
| 500-0-500 μ A | 1 | -01CA-FAFA |
| 1-0-1 mA | 1 | -01CA-FGFG |
| 2-0-2 mA | 1 | -01CA-FSFS |
| 5-0-5 mA | 1 | -01CA-GZGZ |
| 10-0-10 mA | 1 | -01CA-HFHF |
| 20-0-20 mA | 1 | -01CA-HSHS |
| 30-0-30 mA | 1 | -01CA-JCJC |
| 50-0-50 mA | 1 | -01CA-JRJR |
| 100-0-100 mA | 1 | -01CA-KAKA |
| 200-0-200 mA | 1 | -01CA-KJKJ |
| 500-0-500 mA | 1 | -01CA-LALA |
| 1-0-1 Amp | 1 | -01CA-LELE |
| 2-0-2 Amp | 1 | -01CA-LLLL |
| 5-0-5 Amp | 1 | -01CA-MTMT |
| 10-0-10 Amp | 1 | -01CA-NGNG |
| 15-0-15 Amp | 1 | -01CA-NLNL** |
| 20-0-20 Amp | 1 | -01CA-NPNP** |
| 30-0-30 Amp | 1 | -01CA-NWNW** |

DC Millivoltmeters—Zero Left

| | | |
|--------|---|------------|
| 50 mV | 1 | -01VA-HYHY |
| 60 mV | 1 | -01VA-JCJC |
| 75 mV | 1 | -01VA-JDJD |
| 100 mV | 1 | -01VA-JRJR |
| 150 mV | 1 | -01VA-JXJX |
| 200 mV | 1 | -01VA-KAKA |
| 300 mV | 1 | -01VA-KGKG |
| 500 mV | 1 | -01VA-KMKM |

** Not available in 1½"

OPTIONS

| |
|-----------------------------------|
| Custom Scaling |
| Custom Legends/Logos |
| Non-standard Ranges |
| Color Bands |
| 2 or 4 stud mounting (Saxon only) |

ORDERING INFORMATION

DC Voltmeters—Zero Left

| | | |
|-----------|---|--------------|
| 1.0 Volts | 1 | -01VA-LALA |
| 1.5 Volts | 1 | -01VA-LCLC |
| 3 Volts | 1 | -01VA-LJLJ |
| 5 Volts | 1 | -01VA-LSLS |
| 6 Volts | 1 | -01VA-LWLW |
| 8 Volts | 1 | -01VA-LJMJ |
| 10 Volts | 1 | -01VA-MTMT |
| 15 Volts | 1 | -01VA-NDND |
| 20 Volts | 1 | -01VA-NSNS |
| 30 Volts | 1 | -01VA-NLNL |
| 40 Volts | 1 | -01VA-NPNP |
| 50 Volts | 1 | -01VA-NTNT |
| 60 Volts | 1 | -01VA-NWNW |
| 80 Volts | 1 | -01VA-PDPD |
| 100 Volts | 1 | -01VA-PPPK |
| 120 Volts | 1 | -01VA-PQPQ |
| 150 Volts | 1 | -01VA-PZPZ |
| 200 Volts | 1 | -01VA-RLRL |
| 250 Volts | 1 | -01VA-RSRS |
| 300 Volts | 1 | -01VA-RXR X |
| 500 Volts | 1 | -01VA-SFSF** |
| 600 Volts | 1 | -01VA-SJSJ** |

DC Voltmeters—Zero Center**

| | | |
|---------------|---|--------------|
| 5-0-5 Volts | 1 | -01NA-LSLS |
| 10-0-10 Volts | 1 | -01NA-MTMT |
| 15-0-15 Volts | 1 | -01NA-NDND |
| 25-0-25 Volts | 1 | -01NA-NJNJ |
| 30-0-30 Volts | 1 | -01NA-NLNL |
| 50-0-50 Volts | 1 | -01NA-NTNT |
| 80-0-80 Volts | 1 | -01NA-PDPD |
| 150-0-150 V | 1 | -01NA-PZPZ |
| 300-0-300 V | 1 | -01NA-RXR X |
| 500-0-500 V | 1 | -01NA-SFSF** |
| 600-0-600 V | 1 | -01NA-SJSJ** |

Note:
Add suffix -B3 to Saxon P/N for 3 stud mounting.

DIMENSIONS

| Model | 361 | 362 | 363 | 364 | 012 | 013 |
|------------------|--------------------|-----------------------|-----------------------|-----------------------|---------------------|--------------------|
| Case Size | 1½" | 2½" | 3½" | 4½" | 2½" | 3½" |
| Size (H x W x D) | 1.8" x 2.3" x 1.8" | 2.66" x 3.12" x 1.81" | 3.32" x 3.89" x 1.83" | 4.18" x 4.73" x 1.83" | 2.7" x 2.7" x 1.85" | 3.5" x 3.5" x 2.0" |
| Barrel (cutout) | 1.56" | 2.16" | 2.16" | 2.70" | 2.20" | 2.75" |
| Window (cutout) | 0.94" x 2.17" | 1.28" x 2.92" | 1.61" x 3.63" | 2.36" x 5.05" | --- | --- |