

Weschler DC Ammeter Shunts

Accuracy: 1/4%
Recommended continuous operation: <2/3 rated current

Type HA — 1 Through 500 Amperes



HA Type

ORDERING INFORMATION

| Amp | Length | Width | C-C Mounting | Type HA—50 mV Order Code | Type HA—100 mV Order Code |
|-----|--------|-------|--------------|--------------------------|---------------------------|
| 1 | 6.0" | 1.25" | 5.25" | HA-1-50 | HA-1-100 |
| 2 | 6.0" | 1.25" | 5.25" | HA-2-50 | HA-2-100 |
| 5 | 6.0" | 1.25" | 5.25" | HA-5-50 | HA-5-100 |
| 10 | 6.0" | 1.25" | 5.25" | HA-10-50 | HA-10-100 |
| 20 | 6.0" | 1.25" | 5.25" | HA-20-50 | HA-20-100 |
| 50 | 6.0" | 1.25" | 5.25" | HA-50-50 | HA-50-100 |
| 100 | 6.0" | 1.25" | 5.25" | HA-100-50 | HA-100-100 |
| 200 | 6.0" | 1.25" | 5.25" | HA-200-50 | HA-200-100 |
| 300 | 6.0" | 1.25" | 5.25" | HA-300-50 | HA-300-100 |
| 500 | 6.0" | 1.25" | 5.25" | HA-500-50 | HA-500-100 |

Type Lab — 10 Through 1000 Amperes



Lab Type

ORDERING INFORMATION

| Amp | Type Lab — 50 mV | | | Type Lab — 100 mV | | |
|------|------------------|-------|-------------|-------------------|--------|--------------|
| | Length | Width | Order Code | Length | Width | Order Code |
| 10 | 5.0" | 1.25" | LAB-10-50 | 6.25" | 1.25" | LAB-10-100 |
| 15 | 5.0" | 1.25" | LAB-15-50 | 6.25" | 1.25" | LAB-15-100 |
| 25 | 5.0" | 1.25" | LAB-25-50 | 6.25" | 1.25" | LAB-25-100 |
| 50 | 5.0" | 1.25" | LAB-50-50 | 6.25" | 1.25" | LAB-50-100 |
| 100 | 5.0" | 1.25" | LAB-100-50 | 6.25" | 1.25" | LAB-100-100 |
| 150 | 5.0" | 1.25" | LAB-150-50 | 6.25" | 1.25" | LAB-150-100 |
| 200 | 5.0" | 1.25" | LAB-200-50 | 6.25" | 1.25" | LAB-200-100 |
| 250 | 6.75" | 1.87" | LAB-250-50 | 8.0" | 1.875" | LAB-250-100 |
| 300 | 6.75" | 1.87" | LAB-300-50 | 8.0" | 1.875" | LAB-300-100 |
| 400 | 6.75" | 1.87" | LAB-400-50 | 8.0" | 1.875" | LAB-400-100 |
| 1000 | 6.75" | 2.37" | LAB-1000-50 | 8.0" | 2.375" | LAB-1000-100 |

MLA

Lightweight Types



Type MLC — 800 Through 1200 Amperes

ORDERING INFORMATION— MLC-50 MV

| Order Code | Amp | Length | Width |
|-------------|------|--------|-------|
| MLC-800-50 | 800 | 4.5" | 2.5" |
| MLC-1000-50 | 1000 | 4.5" | 2.5" |
| MLC-1200-50 | 1200 | 4.5" | 2.5" |

Type MLA — 5 Through 150 Amperes

ORDERING INFORMATION— MLC-50 MV

| Order Code | Amp | Length | Width |
|------------|-----|--------|-------|
| MLA-5-50 | 5 | 2.0" | 1.25" |
| MLA-10-50 | 10 | 2.0" | 1.25" |
| MLA-15-50 | 15 | 2.0" | 1.25" |
| MLA-20-50 | 20 | 2.0" | 1.25" |
| MLA-30-50 | 30 | 2.0" | 1.25" |
| MLA-50-50 | 50 | 2.0" | 1.25" |
| MLA-75-50 | 75 | 2.0" | 1.25" |
| MLA-80-50 | 80 | 2.0" | 1.25" |
| MLA-100-50 | 100 | 2.0" | 1.25" |
| MLA-150-50 | 150 | 2.0" | 1.25" |

Type MLB — 170 Through 600 Amperes

ORDERING INFORMATION— MLB-50 MV

| Order Code | Amp | Length | Width |
|------------|-----|--------|-------|
| MLB-170-50 | 170 | 3.25" | 1.75" |
| MLB-200-50 | 200 | 3.25" | 1.75" |
| MLB-250-50 | 250 | 3.25" | 1.75" |
| MLB-300-50 | 300 | 3.25" | 1.75" |
| MLB-400-50 | 400 | 3.25" | 1.75" |
| MLB-500-50 | 500 | 3.25" | 1.75" |
| MLB-600-50 | 600 | 3.25" | 1.75" |

TRANSDUCERS / SENSORS

NK Technologies DC Current Transducers

- Hall-effect sensor and signal conditioner in a single package
- Jumper selectable input ranges to 400 A
- 4-wire configuration



ORDERING INFORMATION

| Order Code * | Description | Output |
|---------------|---------------------------|---------|
| DT1-005-24U-U | 50, 75, and 100 A Range | 0-5 VDC |
| DT1-420-24U-U | 50, 75, and 100 A Range | 4-20 mA |
| DT2-005-24U-U | 100, 150, and 200 A Range | 0-5 VDC |
| DT2-420-24U-U | 100, 150, and 200 A Range | 4-20 mA |
| DT3-005-24U-U | 150, 225, and 300 A Range | 0-5 VDC |
| DT3-420-24U-U | 150, 225, and 300 A Range | 4-20 mA |
| DT4-005-24U-U | 200, 300, and 400 A Range | 0-5 VDC |
| DT4-420-24U-U | 200, 300, and 400 A Range | 4-20 mA |

* Add suffix FL for solid core, SP for split core

SPECIFICATIONS

| | |
|--------------------|--|
| Output Signal: | 4-20 mA, 0-5 VDC or 0-10 VDC |
| Output Limit: | 4-20 mA: 23 mA 0-5 VDC: 5.75 VDC 0-10 VDC: 11.5 VDC |
| Output Polarity: | Unipolar, Bipolar available |
| Accuracy: | 1.0% FS |
| Power Supply: | Universal 20-50 VDC, 22-38 VAC, 2VA Max. Power Input and Output Signal are Not Isolated |
| Power Consumption: | 2 VA |
| Loading: | 4-20 mA: 650Ω Maximum 0-5VDC: 25kΩ Min. 0-10VDC: 50kΩ Min. |
| Linearity: | 0.75% FS |
| Current Ranges: | Jumper Selectable 0-400A |
| Sensing Aperture: | 0.85" (21.5 mm) Sq |
| Case: | UL 94V-0 Flammability Rated |
| Environmental: | -4 to 122°F (-20 to 50°C), 0-95% RH Non-Condensing |