

Hall-Effect AC Current Monitors

True RMS and Averaging

PMSHID/PHID and PMSHI/PHI
0.5% ACCURACY

SPECIFICATIONS

INPUT CURRENT RANGE: FULL SCALE CONTINUOUS
 50% OVERRANGE - 3 Seconds

LINE FREQUENCY: 20 to 2000 Hz.

50-60 Hz ACCURACY CLASS: 0.5% of Full Scale

OUTPUT OPTIONS: 1, 5 or 10 Volt DC
 1, 10, 20 or 4-20 mADC

OUTPUT RIPPLE: 1% Peak-to-Peak Maximum

ISOLATION TEST: 1 kV - 1 Minute

TEMPERATURE RANGE: 0 to +50 Deg. C

STORAGE TEMPERATURE: -20 to +80 Deg. C

POWER: 120 VAC 50-60 Hz
 (120 VAC, 24, 48, 120 VDC ARE OPTIONAL)

Applications and Features

TRUE RMS MONITORS:

PMSHID: Single-Channel with LCD Display
PMSHI: Single-Channel without LCD Display
PMSHI3: Triple-Channel without LCD Display

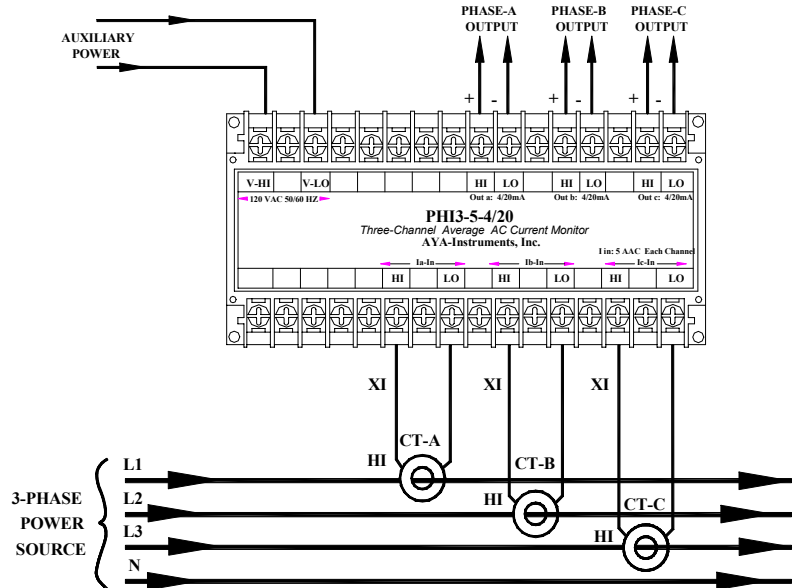
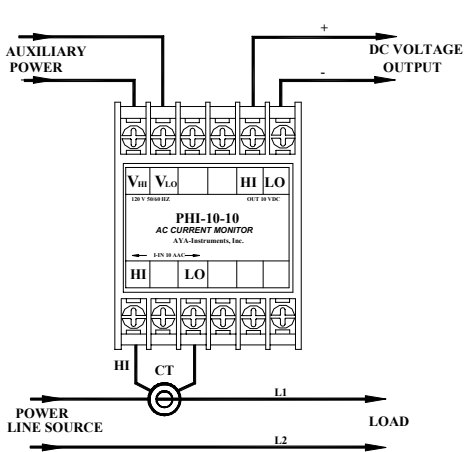
AVERAGING MONITORS:

PHID: Single-Channel with LCD Display
PHI: Single-Channel without LCD Display
PHI3: Triple-Channel without LCD Display

SPECIAL INPUT and OUTPUT RANGES ARE AVAILABLE.

ENCLOSURE TYPE: DIN RAIL TYPE 46277

For Voltage Output: 2.17" x 2.9" x 4.4"
For mADC Output: 2.95" x 2.9" x 4.4"
Tripple-Channel: 5.9" x 2.9" x 4.4"



SELECTION CHART

For True RMS Single-Channel Models use: "PMSHID-" and "PMSHI-"

For True RMS Triple-Channel Models use: "PMSHI3-"

For AVERAGING Single-Channel Models use: "PHID-" and "PHI-"

For AVERAGING Triple-Channel Models use: "PHI3-"

INPUT	1 VDC	5 VDC	10 VDC	1 mADC	20 mADC	4-20 mADC
1 AAC	1-1	1-5	1-10	1-1M	1-20M	1-4/20
5 AAC	5-1	5-5	5-10	5-1M	5-20M	5-4/20
10 AAC	10-1	10-5	10-10	10-1M	10-20M	10-4/20
15 AAC	15-1	15-5	15-10	15-1M	15-20M	15-4/20
25 AAC	25-1	25-5	25-10	5-1M	5-20M	25-4/20

Specifications subject to change without notification