AYA INSTRUMENTS

Solutions For Power & Process Control

5001 Baum Blvd. Pittsburgh, PA 15213

P: 412-622-5500 – F: 412-681-3773

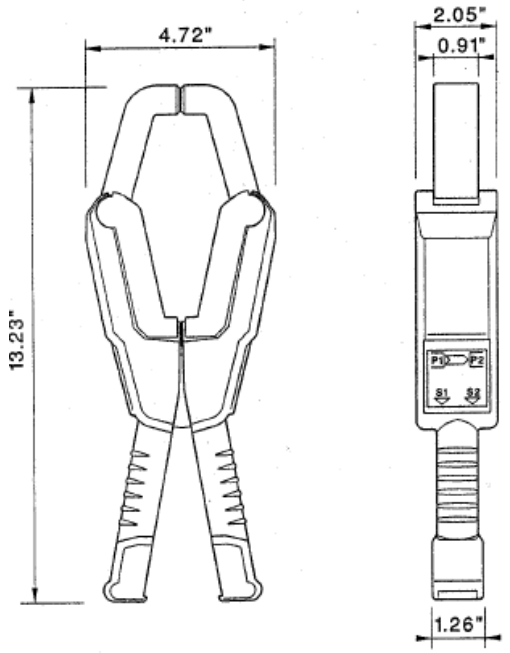
www.ayainstruments.com

AC CURRENT CLAMPS

E16-Series

MEETING IEC SAFETY STANDARD 1010-1 CATEGORY III

600 VOLTS



General Specifications

ACCURACY CLASS: 1%
OPERATING VOLTAGE: 600 VOLTS MAX.
ISOLATION TEST: 5.55 kV - 1 MINUTE
CURRENT RATING: FULL SCALE - CONTINUOUS
100% OVERRANGE - 3 MINUTES
TEMPERATURE RANGE: -10 to + 50 Deg. C
CABLE SIZE: 2.13"
BUSBAR SIZE: 5.0" x 0.7" or 4.0" x 1.18"
DIMENSIONS: 4.7" x 13.2" x 2.0"
WEIGHT: 3.9 lb
OUTPUT TERMINALS: 4mm Safety Terminals
Cable - Optional

COLOR:
CURRENT OUTPUT: Gray
VOLTAGE OUTPUT: Blue

SPECIAL CABLES and CONNECTORS ARE AVAILABLE.

MODEL	CURRENT RANGE	OUTPUT	MAX CURRENT	LOAD (Ohms)	PHASE (Deg.)	FREQUENCY RANGE (Hz) For 3%	For -3db
AC CLAMPS with AC VOLTAGE OUTPUT							
E16VE-500-1	0.5 - 500 AAC	1 VAC	750A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-500-5	0.5 - 500 AAC	5 VAC	750A	>20K	1.0 to 1.5	40 - 2000	30 - 5000
E16VE-1000-1	1 - 1000 AAC	1 VAC	1500A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-1000-5	1 - 100 AAC	5 VAC	1500A	>20K	1.0 to 1.5	40 - 2000	30 - 5000
E16VE-1500-1	1.5 - 1500 AAC	1 VAC	2250A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16VE-1500-1.5	1.5 - 1500 AAC	1.5 VAC	2250A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-1500-5	1.5 - 1500 AAC	5 VAC	2250A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-310-1	250, 500, 1000 AAC	1 VAC	1500A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-310-5	250, 500, 1000 AAC	5 VAC	1500A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-315-1	500, 1000, 1500 AAC	1 VAC	2250A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
E16V-315-5	500, 1000, 1500 AAC	5 VAC	2250A	>20K	0.5 to 1.0	40 - 2000	30 - 5000
AC CLAMPS with AC CURRENT OUTPUT							
E16-500-1	0.5 - 500 AAC	1 AAC	750A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-500-5	0.5 - 500 AAC	5 AAC	750A	0.01-4	1.0 to 1.5	40 - 2000	30 - 5000
E16-1000-1	1 - 1000 AAC	1 AAC	1500A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-1000-5	1 - 1000 AAC	5 AAC	1500A	0.01-4	1.0 to 1.5	40 - 2000	30 - 5000
E16-1500-1	1.5 - 1500 AAC	1 AAC	2250A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-1500-1.5	1.5 - 1500 AAC	1.5 AAC	2250A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-1500-5	1.5 - 150 AAC	5 AAC	2250A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-310-1	250, 500, 1000 AAC	1 AAC	1500A	0.01-4	0.25 to 1.0	40 - 2000	30 - 5000
E16-310-5	250, 500, 1000 AAC	5 AAC	1500A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5000
E16-315-1	500, 1000, 1500 AAC	1 AAC	2250A	0.01-4	0.25 to 1.0	40 - 2000	30 - 5000
E16-315-5	500, 1000, 1500 AAC	5 AAC	2250A	0.01-4	0.5 to 1.0	40 - 2000	30 - 5,000