

Split-Core Current Transformers

TP-420-88-Series

WITH 4 to 20 mADC OUTPUT

600 Volt Class

Meet IEC 60044.1, IEC-1010-1, UL94, VDE-0414 Standards

SPECIFICATIONS

| | |
|-----------------------------|----------------------------|
| INPUT CURRENT RANGE: | 100 AAC to 1500 AAC |
| OUTPUT: | 4 to 20 mADC |
| ACCURACY CLASS: | 1.5% (from 5% to 110% FS) |
| MAXIMUM THERMAL CURRENT: | 60 Times F.S. for 1 second |
| MAXIMUM CONTINUOUS CURRENT: | 50% Above full scale |
| MAXIMUM OPERATING VOLTAGE: | 700 Volts |
| ISOLATION TEST: | 3 kV - 1 MINUTE |
| FREQUENCY: | 50 - 60 Hz |
| TEMPERATURE RANGE: | -10 to + 50 Deg. C |
| STORAGE TEMPERATURE: | -20 to +80 Deg. C |
| THERMAL INSULATION: | Meets IEC-60044-1 |
| DIMENSIONS: | 5.7" x 5.7" x 2.0" |
| WINDOW SIZE: | 3.15" x 3.15" |

Applications and Features

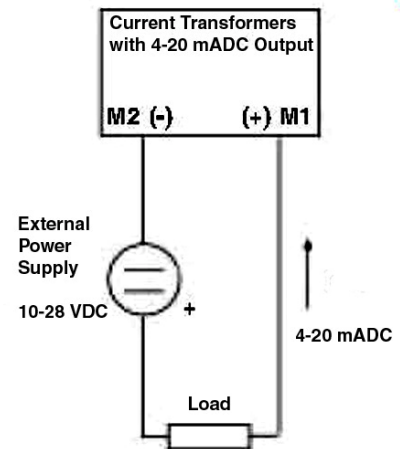
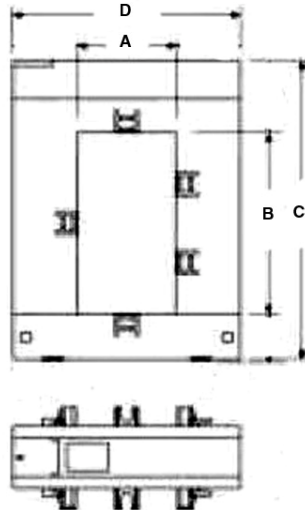
FOR INDUSTRIAL APPLICATIONS THAT REQUIRE 4-20 mADC PLC INTERFACE.

PROVIDES 4 TO 20 mADC OUTPUT FROM EXTERNAL POWER SUPPLY of 10 to 24 Volts DC

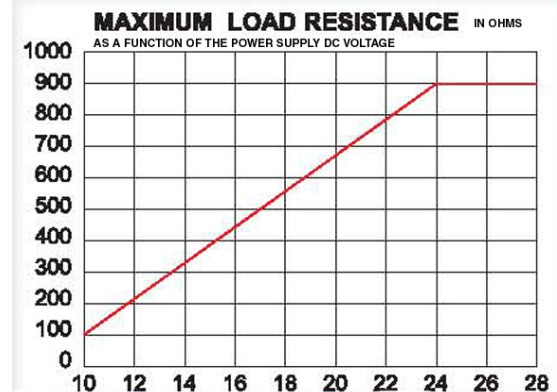
CAN BE EASILY MOUNTED DIRECTLY ON BUSBARS.

FIRE RETARDANT POLYCARBONATE CASE MEETING UL94 STANDARD

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



| TP-240-88 SELECTION CHART | | | |
|---------------------------|---------------------|--|---------|
| INPUT | MODEL | | WEIGHT |
| 100 AAC | TP-420-88-100 | | 2.2 Lbs |
| 250 AAC | TP-420-88-250 | | 2.2 Lbs |
| 500 AAC | TP-420-88-500 | | 2.2 Lbs |
| 750 AAC | TP-240-88-750 | | 2.2 Lbs |
| 1000 AAC | TP-420-88-1000 | | 2.2 Lbs |
| 1500 AAC | TP-420-88-1500 | | 2.2 Lbs |
| SIZE: | 5.7" x 5.7" x 1.25" | | |
| CIRCULAR CABLE OPENING: | 3.15" | | |
| BUSBAR OPENING: | 3.15" x 3.15" | | |



AYA-Instruments, Inc.
5001 Baum Boulevard, Pittsburgh, PA 15213

TEL: 412-622-5500 FAX: 412-681-3773
www.ayainstruments.com