

# JY-TECK F-TYPE AC CURRENT METER SERIES

## FEATURES:

- \* 60x70mm, DIMENSION IS COMPATIBLE TO TRADITIONAL ANALOGY MEER (MODEL 660/670).
- \* BRIGHT LED DISPLAY FOR OBVIOUS READING.
- \* BUILD-IN QUARTZ TIME-BASE CIRCUIT.
- \* DECIMAL POINT SELECTABLE ON FRONT PANEL.
- \* LSI I.C. FOR STEADY INDICATION AND ACCURACY.
- \* STABLE ZERO READING WITH ZERO SIGNAL IN-PUT ON ALL TYPE .
- \* EXTERNAL ADJUSTABLE SPAN ON FRONT PANEL.



## APPLICATIONS:

- \* UPS / AVR.
- \* GENERATOR.
- \* INSTRUMENTS.
- \* TEST TOOLS.
- \* PRODUCT MACHINE.



## GENERAL SPECIFICATIONS:

SAMPLING RATE	3 TIMES / SECOND (F143-SERIES). 2.5 TIMES / SECOND (F144-SERIES ).
TIME BASE	QUARZE CURCUIT.
ACCURACY	≤0.1% ± 1 Digit.
OVER-RANGE INDICATION	"1" OR "-1" SHOWING ON THE LEFT MOST DIGIT AND OTHER DIGITS ARE BLANK(F143-SERIES). DISPLAY "HHHHH" OR "LLLLL" AND FLASHING (F144-SERIES).
DISPLAY	0.56" HIGH RED LED DISPLAY.
POWER SOURCE	AC110/220V ± 15% .50/60 Hz.
POWER CONSUMPTION	≤3.0 WATT.
OPERATING TEMPERATURE	0~50 °C.
OPERATING HUMIDITY	0~85 %.

## SPECIFICATIONS (CURRENT IN-PUT DIRECTLY):

PART NO.	DIGIT	RANGE	RESOLUTION	IN-PUT IMPEDANCE	MAX .INPUT
F143A20X	3.5 DIGIT	0.01~19.99 mA/AC	0.01 mA/AC	10.0 Kilo ohm	50 mA/AC
F143B10X	"	0.1~199.9 mA/AC	0.1 mA/AC	1.0 Kilo ohm	500 mA/AC
F143C30X	"	0.001~1.999 A/AC	0.001 A/AC	0.1 Kilo ohm	3 A/AC
F143D20X	"	0.01~10.00 A/AC	0.01 A/AC	0.01 Kilo ohm	12 A/AC
F143CUSX	"	OPTIONAL BY CUSTOMER	-----	-----	12 A/AC
F144A30X	4.5 DIGIT	0.001~19.999 mA/AC	0.001 mA/AC	10.0 ohm	50 mA/AC
F144B20X	"	0.01~199.99 mA/AC	0.01 mA/AC	1.0 ohm	500 mA/AC
F144C40X	"	0.0001~1.9999 A/AC	0.0001 A/AC	0.1 ohm	3 A/AC
F144D30X	"	0.001~10.000 A/AC	0.001 A/AC	0.01 ohm	12 A/AC
F144CUSX	"	OPTIONAL BY CUSTOMER	-----	-----	12 A/AC

\* WHERE "X" IN PART NO.:

IF X=A MEANS POWER SOURCE = AC 110V ± 15% .50 / 60 Hz.

X=B MEANS POWER SOURCE = AC 220V ± 15% .50 / 60 Hz.

**SPECIFICATIONS (APPLY WITH FOLLOWING CURRENT TRANSFERMER):**

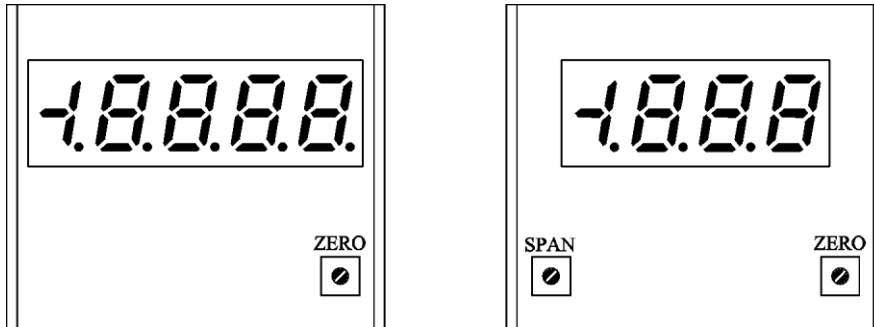
PART. NO	DIGIT	RANGE	RESOLUTION	C.T.	MAX. INPUT
F143E10X	3.5 DIGIT	0.1~50.0 A/AC	0.1 A/AC	50A:5A	8.0 A/AC
F143F10X	"	0.1~100.0 A/AC	0.1 A/AC	100A:5A	"
F143G10X	"	0.1~150.0 A/AC	0.1 A/AC	150A:5A	"
F143H10X	"	0.1~199.9 A/AC	0.1 A/AC	200A:5A	"
F143I00X	"	1~300 A/AC	1 A/AC	300A:5A	"
F143J00X	"	1~500 A/AC	1 A/AC	500A:5A	"
F143K00X	"	1~700 A/AC	1 A/AC	700A:5A	"
F143L00X	"	1~1000 A/AC	1 A/AC	1000A:5A	"
F144E20X	4.5 DIGIT	0.01~50.00 A/AC	0.01 A/AC	50A:5A	8.0 A/AC
F144F20X	"	0.01~100.00 A/AC	0.01 A/AC	100A:5A	"
F144G20X	"	0.01~150.00 A/AC	0.01 A/AC	150A:5A	"
F144H20X	"	0.01~199.99 A/AC	0.01 A/AC	200A:5A	"
F144I10X	"	0.1~300.0 A/AC	0.1 A/AC	300A:5A	"
F144J10X	"	0.1~500.0 A/AC	0.1 A/AC	500A:5A	"
F144K10X	"	0.1~700.0 A/AC	0.1 A/AC	700A:5A	"
F144L10X	"	0.1~1000.0 A/AC	0.1 A/AC	1000A:5A	"

\* WHERE "X" IN PART NO.:

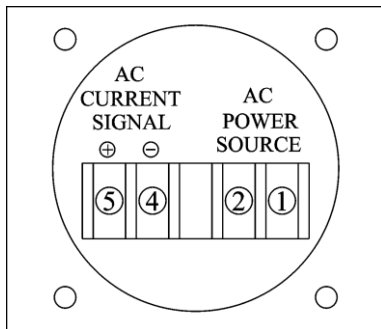
IF X=A MEANS POWER SOURCE = AC 110V  $\pm$  15% .50 / 60 Hz.

X=B MEANS POWER SOURCE = AC 220V  $\pm$  15% .50 / 60 Hz.

**SPAN /ZERO ADJUST (UNDER PANEL COVER):**



**TERMINAL & WIRING (BACK VIEW):**



**DIMENSIONS & PANEL CUT-OUT AREA (Unit: m/m.):**

