

# JY-TECK A-TYPE Hi/Go/Lo PRESET AC CURRENT METER SERIES

## FEATURES:

- \* DIN 48x96mm., EASY TO IMPLEMENTATION OR MAINTENANCE.
- \* MAX / MIN VALUE IN MEMORY, USER CAN EXAM THE VALUE AT ANY MOMENT.
- \* VARIABLE OFFSET SETTING, METER CAN MEASURE INPUT IN A WIDE RANGE.
- \* OPERATION DELAY AFTER POWER ON AND DELAY ON RELAY'S ACTION.
- \* BUILT-IN DISPLAY HOLD FUNCTION, EASY TO RECORD/INTERPRET DATA.
- \* DIGITAL CIRCUIT DESIGN, WITH HIGH PRECISION & HIGH STABILITY.
- \* TERMINAL ARE SEPARATED BETWEEN POWER AND SIGNAL TO GET BEST REJECTION OF NOISE.
- \* HI/GO/LO VALUE SETTINGS PROVIDE AT MOST 4 PARAMETERS AND 5 OUTPUTS.
- \* THE SERIES PROVIDE THE MODEL WITH RS-232 / RS-422/RS-485 (MODBUS). DATA COMMUNICATION INTERFACE
- \* THE SERIES WITH RS-422 / RS-485 DATA COMMUNICATION INTERFACE CAN BE CONNECTED TO AT MOST 32 HOSTS.



## APPLICATION:

- \* UPS/AVR.
- \* TEST TOOL.
- \* INSTRUMENTS.
- \* INVERTOR.
- \* GENERATER.

## GENERAL SPECIFICATIONS:

DISPLAY	0.56" HIGH RED LED DISPLAY.
ACCURACY	≤0.1%±1 Digit.
SAMPLING RATE	5 TIMES/SECOND.
OVER-RANGE INDICATION	DISPLAY "HHHHH" AND FLASHING.
PEAK-HI / PEAK-LO RESTORE	1-PRESET& 2-PRESET: BUILD-IN. 4-PRESET: NONE.
WIRING ZERO OFF-SET	0~±199 Digit.
POWER ON / ACTIVITY DELAY TIME	0.1~99.9 SECOND.
RELAY ON / ACTIVITY DELAY TIME	0.1~99.9 SECOND.
OUTPUT CAPACITY	1-PRESET, 2-RELAY OUT-PUT: AC250V/3A. DC30V/5A. 2-PRESET, 3-RELAY OUT-PUT: AC250V/1A. DC30V/1A. 4-PRESET, 5-TRANSMITTER OUT-PUT: 100mA/DC5~24V.
RELAY LIFE	UP TO 20000 TIMES.
SENSOR POWER SOURCE	DC12V/50mA.
MEMORY RETENTION	E <sup>2</sup> -PROM (UP TO 10 YEARS).
DATA COMMUNICATION INTERFACE	RS-232/RS-422 / RS-485 (MODBUS).
COMMUNICATION BAUD RATE	1200 / 2400 / 4800 / 9600 / 19200 bps.
CONNECTION AND TRANSMISSION ADDRESS SETTING	1~255.
POWER SOURCE	AC85~265V.50/60Hz.
POWER CONSUMPTION	≤7.0 WATT.
OPERATING TEMPERATURE	0~50°C.
OPERATING HUMIDITY	0~85%.

## SPECIFICATIONS:

PART NO.	RANGE	RESOLUTION	INPUT IMPEDANCE	MAX. INPUT
A144A2XS-TR	199.99 mA/AC	0.01 mA/AC	1 ohm	±500 mA/AC
A144B4XS-TR	1.9999 A/AC	0.0001 A/AC	0.1 ohm	±3.000 A/AC
A144C3XS-TR	10.000 A/AC	0.001 A/AC	0.01 ohm	±13.000 A/AC
A144CUXS-TR	OPTIONAL BY CUSTOMER	-----	-----	-----

X: 0- NONE PRESET, NONE OUTPUT, DISPLAY ONLY.

2- 1-PRESET, 2-RELAY OUT-PUT(Hi/Go-SET).

3- 2-PRESET, 3-RELAY OUT-PUT(Hi/Go/Lo-SET).

5- 4-PRESET, 5-TRANSMITTER (OPEN COLLECTOR) OUT-PUT (HH/Hi/Lo/LL-SET).

TR: 232- RS-232

422- RS-422 & RS-485

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

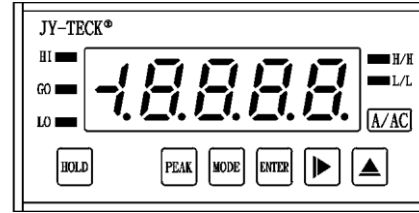
PART NO.	RANGE	RESOLUTION	C.T.	MAX. INPUT
A144C2XS-TR	50.00 A/AC	0.01 A/AC	50A:5A	8.0 A/AC
A144D2XS-TR	100.00 A/AC	0.01 A/AC	100A:5A	"
A144E2XS-TR	150.00 A/AC	0.01 A/AC	150A:5A	"
A144F2XS-TR	199.99 A/AC	0.01 A/AC	200A:5A	"
A144G1XS-TR	300.0 A/AC	0.1 A/AC	300A:5A	"
A144H1XS-TR	500.0 A/AC	0.1 A/AC	500A:5A	"
A144I1XS-TR	700.0 A/AC	0.1 A/AC	700A:5A	"
A144J1XS-TR	1000.0 A/AC	0.1 A/AC	1000A:5A	"

**APPEARANCE:**

**\* 1-PRESET & 2-PRESET:**

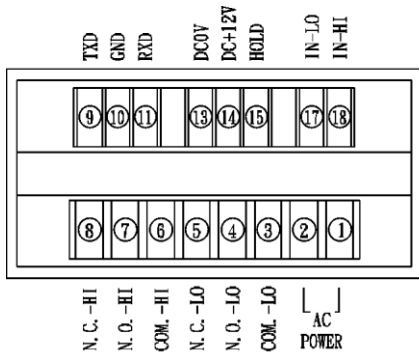


**\* 4-PRESET:**

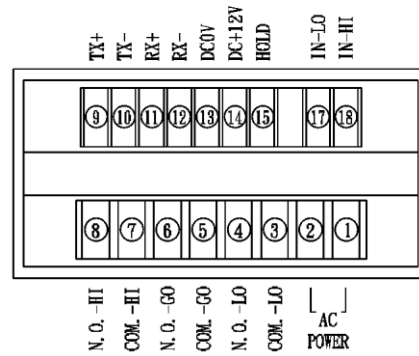


**TERMINAL & WIRING (RS-232/422/485 & HH/HI/GO/LO/LL OUT-PUT):**

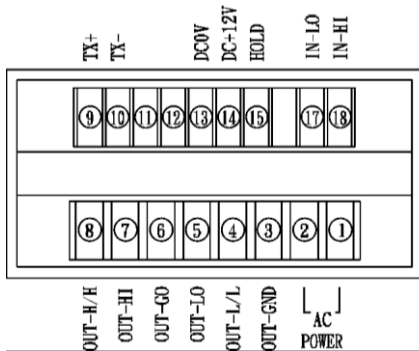
**\* RS-232 & 2-RELAY OUTPUT:**



**\* RS-422 & 3-RELAY OUTPUT:**



**\* RS-485 & 5-TRANSMITTER OUTPUT:**



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

