

PLUG-IN POWER CONTROLLER

MODEL
AXE-2



■ FEATURES

- Accuracy $\pm 0.1\%$ F.S.
- Measuring and display ACV/ACA/Watt/Frequency/Power factor /KWH/KWH time
- ACV/ACA/Watt for true RMS
- ACA/Watt/KWH/KWH time auto-range function
- Over current (>15A) and over temperature (>65°C) auto-protector function
- Impulse test meet requirement of IEC 60950-1 6KV/3KA combination wave test
- One load control relay function
- Digit RS-485 interface function(Optional)

RoHS

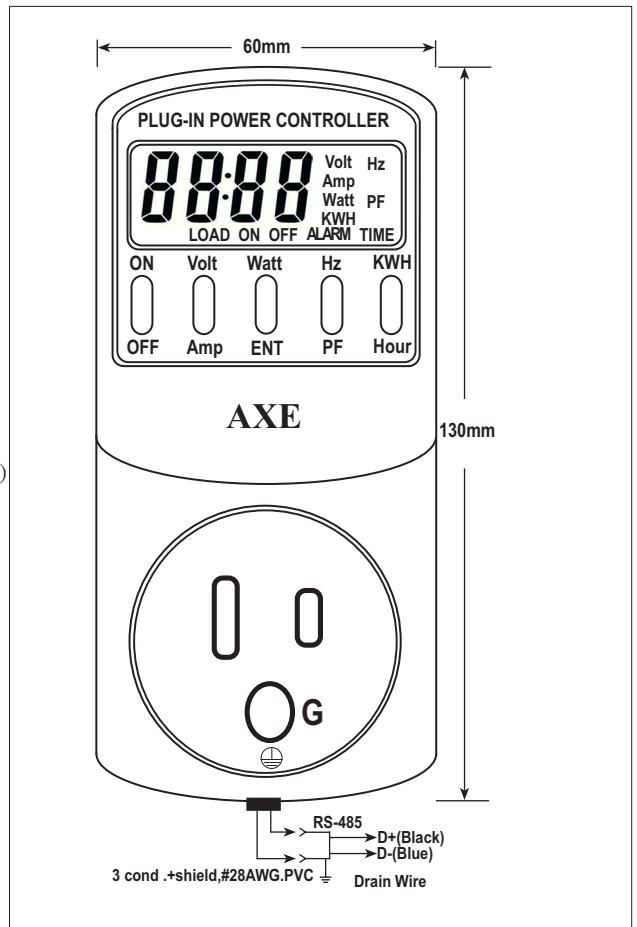
1. MODEL: AXE-2

NO	Load Controller Relay	NO	RS-485 Output	NO	Cable Length
N	None	N	None	N	None
Y	Yes	Y	RS-485	2	2M(standard)
•Yes(have over current/temperature protector)		•Modbus mode		9	Customer
		•256 nodes on bus			

2. SPECIFICATION

- Power consumption : <0.6VA
- Measuring accuracy (23 \pm 5°C) : $\pm 0.1\%$ F.S.(Watt/KWH/Frequency) ± 30 ppm(KWH time)
 $\pm 0.15\%$ F.S.(V/A/P.F.), $\pm 0.05\%$ F.S.(Frequency)
- Input burden : 0.05VA
- Maximum input over : Maximum AC 300V continuous
- Measuring and display range: Voltage(AC80.0~260.0V)
Current(AC0~9.999A/0~15.00A auto-range)
Watt/VA(AC0~999.9W(VA)/0~3900W(VA) auto-range)
KWH(0~99.99KWH/0~999.9KWH/0~9999KWH auto-range)
KWH-time (0~99:59 Hour/0~9999 Hour auto-range)
Frequency(45.0~65.0Hz)
Power factor(+1.000~0.500 P.F.)
- Sampling time : 1 cycles/second
- Over input indication : "OVER"&"Unit indication"&"Buzzer"
(Push "ENT" keypad above 3 seconds for reset)
- Load controller select : V/A/W/Hz/PF/KWH/KWH-time can be modifier
- Relay contact output : AC 260V-15A(Resistive Load)
2 HP/250VAC (Motor Load COS θ =0.4~0.5)
1 HP/125VAC (Motor Load COS θ =0.4~0.5)
- RS-485 address : "01"~"FF"(0~255)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 50ppm/°C (0~50°C)
- Display : Bright white LEDs high 16.3 mm(1.146")
- Parameter setting : Silicon keypad
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 2KVac/1 min. (input/case)
- Impulse test : IEC 60950-1 AC6KV/3KA(1.2x50us) combination wave test
- Surge test(ring wa) : 2.5KV-0.25ms/1MHz(IEC255-4)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3. OUTSIDE DIMENSION (Unit=mm)



4. INSTALLATION DIAGRAM

