

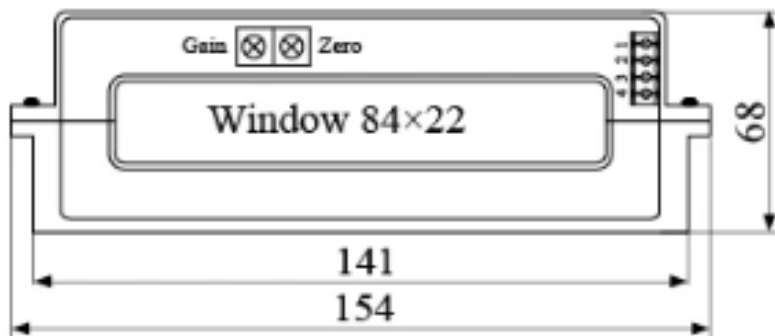
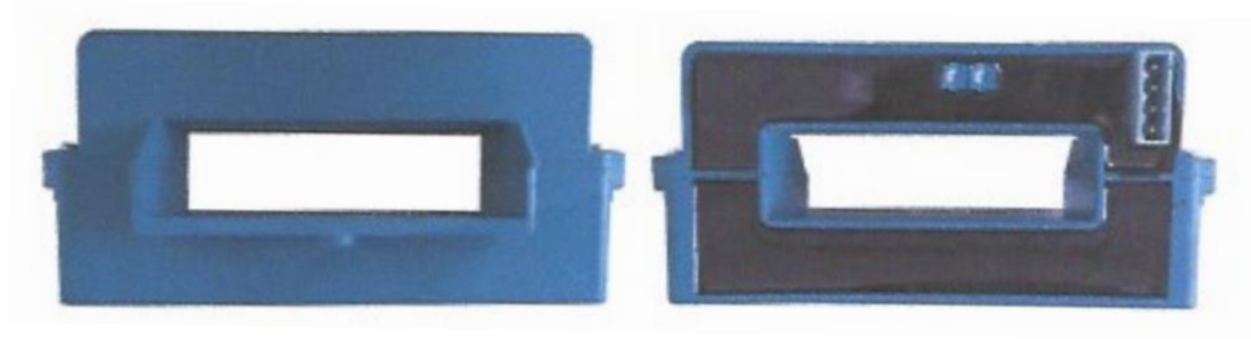
## 84x22mm ID Split Core XXXXA DC CT Specifications (CT-DC-YH84X22-XXXX-S)

This document is intended to be used with the *Packet Power Wireless DC Power Monitoring System User's Manual*. Please refer to it for important information.

### Technical Specifications

<b>CT Type:</b>	Split core open loop Hall effect sensor
<b>Rated Input:</b>	See chart below, maximum current equals rated current
<b>Technical Parameters:</b>	Single +5V source, $2.5 \pm 2.0V$
<b>Working Temperature:</b>	$-10^{\circ}$ to $+70^{\circ}C$ , accuracy degrades at temperature extremes
<b>Window Diameter:</b>	84 mm x 22 mm
<b>Accuracy:</b>	$\pm 1\%$
<b>Weight:</b>	600g
<b>CT Harness:</b>	3-wire black disconnect at meter, 4-pin green disconnect at CT, 1-, 2-, or 3-meter length


Model	Rated Input
CT-DC-YH84X22-600-S	600A
CT-DC-YH84X22-1000-S	1000A



Maximum exterior dimensions: 154 x 45 x 68 mm  
Interior window: 84 x 22 mm

## Installation Notes

The CT is intended for connection to a Packet Power Wireless Power Monitor (models DC0E-xxxx).

1. Use the green 4-pin connector to attach the harness cable to the CT. Attach the black connector to the three pin connector on the current monitor. The connectors are polarized to ensure a proper connection.
2. Install the CT on the conductor with the CT arrow  pointing as directed in the illustration below.

**CT INSTALLED ON POSITIVE CONDUCTOR**



**CT INSTALLED ON NEGATIVE CONDUCTOR**



### **IMPORTANT**

**WIRE COLOR:** Red-colored wire may not always be positive nor black wire negative. Always validate wire color polarity at your facility.

**CT ORIENTATION:** Make sure the CT is oriented correctly on the conductor. Failure to do so may result in incorrect readings.