

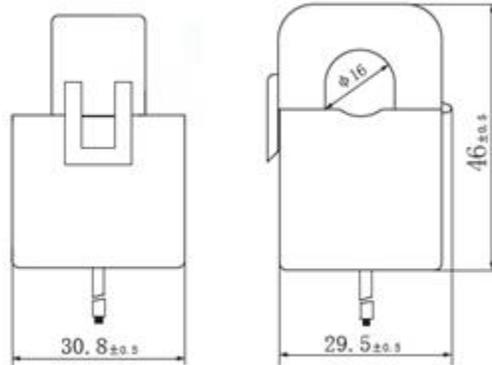
## 16mm ID Split Core XXXA DC CT Specifications (CT-DC-YH16-XXX-S)

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>	16 mm
<b>Accuracy:</b>	$\pm 1\%$
<b>CT Harness:</b>	3-wire with disconnect, 1-or 2-meter length

Model	Rated Input
CT-DC-YH16-30-S	30A
CT-DC-YH16-50-S	50A
CT-DC-YH16-100-S	100A



Side View

Front View

### Installation Notes

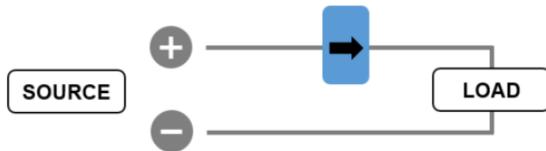
The CT is intended for connection to a Packet Power Wireless Power Monitor (model DC0E-XXXX).

1. Attach the cable to the CT connector on the monitor. Connections are polarized to ensure a proper connection.

2. Carefully open the flap on the side of the CT to open it.

3. 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.

4. Close the CT on the conductor and ensure the flap has latched into place.