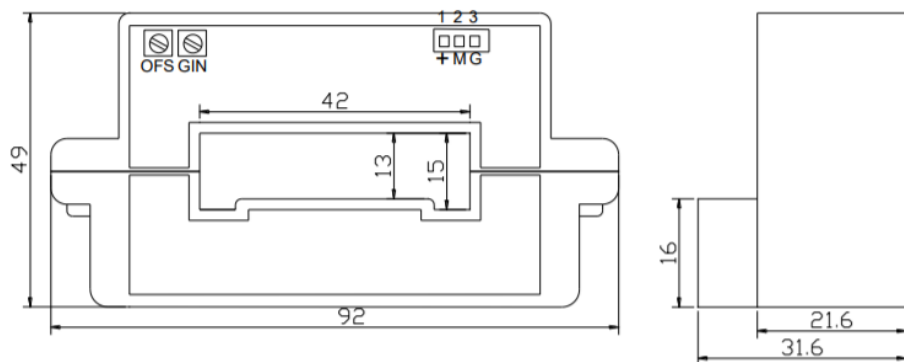


42x13mm ID Split Core 100A DC CT Specifications (CT-DC-YZ42X13-100-S)

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


CT Type:	Split core open loop Hall effect sensor
Rated Input:	100A, maximum current equals rated current
Technical Parameters:	Single +12V source, $5 \pm 4.0V$
Working Temperature:	-10° to $+85^{\circ}C$, accuracy degrades at temperature extremes
Window Diameter:	42 mm x 13 mm
Accuracy:	$\pm 1\%$
CT Harness:	3-wire black disconnect at meter, 3-pin green disconnect at CT, 1-, 2-, or 3-meter length



Maximum exterior dimensions: 92 x 32 x 49 mm
Interior window: 42 x 13 mm

Installation Notes

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

1. Use the green 3-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.