

2 Volt E-Mon™ CT Adapter



The new **DENT CT Adapter** provides a quick and easy way to continue to use existing E-Mon™ CTs when replacing an E-Mon™ meter with a modern DENT Instruments electronic meter *without having to open the circuit breaker panel.*

There are two types of adapters: One that fits the DENT single circuit 3-channel PowerScout™ 3HD meter and one that fits all other DENT multi-circuit PowerScout™ 12, 24, and 48 channel meters.

MECHANICAL		
Length	Height	Thickness
4.6 cm (1.8")	3.0cm (1.2")	1.4cm (0.6")

ELECTRICAL	
Input	Output
0-2 V	0-333 mV

Why this adapter is right for you!

When upgrading to an electronic meter it is normally required that new CTs are purchased that are compatible with the new meter. With DENT's new **CT Adapter**, existing E-Mon™ 2V CTs may be used directly with a DENT meter. Any 2V E-Mon™ CT is compatible with DENT PowerScout™ HD meters by utilizing this adapter. Reusing the E-Mon™ CTs saves the cost of new CTs and greatly reduces installation costs.

Without this adapter old CTs would need to be removed and new ones installed. To do that the circuit breaker panel would need to be accessed; often requiring the shut down of power to the building and the hiring of an electrician trained in NFPA 70E safety protocols. Typically the *savings* from not shutting down power to the building and hiring an arc-flash trained electrician is greater than the cost of the new electronic meter!

With this new adapter only the meter, which is *outside* of the circuit breaker panel, would be replaced and the existing wiring, conduit, etc. reused. An extra benefit is that the E-Mon™ CTs are *more accurate* when used with a **DENT meter**.

PowerScout™ 3HD Adapter



PowerScout™ 12, 24, 48HD Adapter



Installation

1. Remove Existing CT Connectors



2. Plug-in Adapter



3. Connect 2 volt CTs



Adapter Compatibility

Adapters are compatible with:	All E-Mon™ meters EXCEPT those listed below.
Adapters are <u>NOT compatible</u> with:	Multi-Mon, PowerSmart+, and Din-Mon meters with "C1-type" CTs.
Adapters are <u>NOT required</u> when replacing:	Class 6000 (6200) or Din-Mon D2 or D5 that use 333 mV CTs.

All E-Mon™ meters will have 1, 2, or 3 CTs and any model/version of any class (except as noted above) can be replaced by a single PowerScout 3HD. Sometimes, Honeywell/E-mon™ will put either 8, 16, or 24 separate meters into one large cabinet, an MMU (Multiple Meter Unit). Upgrading an MMU can also be done using one or more of the multi-circuit PS12, PS24, or PS48 DENT meters and CT Adapters – while also providing massive weight and space savings *and giving* increased accuracy *plus* networking capability!

CONTACT US

All specifications contained in this document are subject to change without notice.

© DENT INSTRUMENTS, INC

PART NUMBERS

CT-2V-PS3	For PowerScout 3HD
CT-2V-PSMULTI	For PowerScout 12, 24, & 48HD