

Surface Mount Panel Adapters

- ▶ **Cost-effective solution.**
- ▶ **Easy installation.**
- ▶ **Flexibility of using any standard socket meter.**

DESCRIPTION

These Panel Adapters allow the user to replace an old switchboard (panel mount) meter with a new standard socket meter, eliminating the need to stock or maintain more than one type of metering package. The panel socket adapter is a low cost way of converting an antiquated switchboard meter to a solid-state metering system using a socket meter. It requires no changes to the substation steel panel or its existing cutout for installation.

Many utilities have already standardized on socket meters, taking advantage of lower costs and simplified maintenance. These panel adapters provide an easy and convenient way of installing socket meters on panels, thus eliminating the need for more expensive switchboard meters. With these adapters, there's no need to keep an inventory of various meters or use switchboard meters at all.

The Surface Mount Panel Adapter provides the smallest profile of the Panel Adapter versions. The Surface Mount Panel Adapter allows the user to install any standard solid-state meter from the front of the panel. The adapter can be easily installed in the place of the existing small or large case panel meter.

ADVANTAGES (New or Retrofit Installations)

- ▶ Very small profile for tight spaces.
- ▶ Provides easy access to meter as entire meter is in front of panel.
- ▶ Works with any standard socket meter.
- ▶ Lower initial and replacement costs.
- ▶ Less expensive solution than using switchboard meters.
- ▶ Reduces meter and spare part inventory.
- ▶ Simplifies maintenance, testing and replacement.
- ▶ Easy installation – threaded mounting holes mate to existing panel holes & cutouts so existing metering can be replaced without changing the panel at all.
- ▶ Flexible - change meter or manufacturer any time.
- ▶ In stock models available for immediate delivery.

U.S. Patents 6,259,596 and 6,498,717



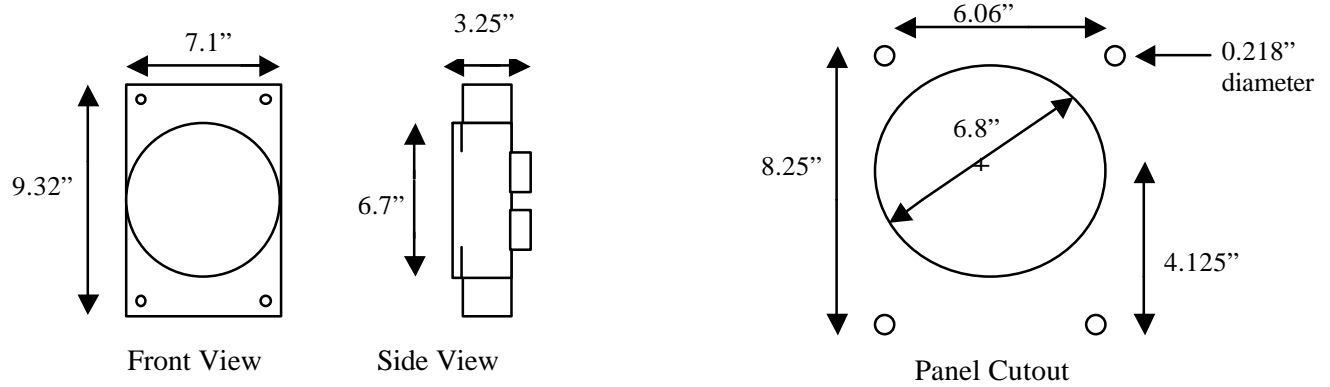
Surface Mount Front View



Surface Mount Rear View



Adapter with Meter in Demo Panel



PRODUCT AVAILABILITY

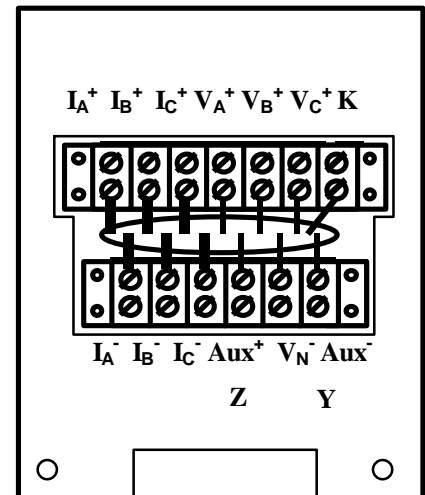
SWBXS_ for retrofitting into existing installations
 SWBXS_-G for new installations including grounding connection

Options (part number suffix):

- Available forms are 9S, 6S, and 5S (2, 2 1/2 and 3 elements).
- Options: KYZ Output, Test Switch Plate, Test Switch, Large case adapter plate and AUX power.
- Contact Southern Utility Services, Inc. for custom hole patterns or non-standard installations.

SUSI PART NUMBERS

Surface Mount - Recommended for New or Retrofit applications
 (In stock for immediate delivery)



Form 9S wiring diagram

<u>SUSI PN</u>	<u>Meter Form</u>	<u>New Meter plugging into Adapter</u>	<u>Mounting holes patterns for retrofits</u>	<u>Application</u>
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<u>SUSI PN</u>	<u>Meter Form</u>	<u>New Meter plugging into Adapter</u>	<u>Mounting holes patterns for retrofits</u>	<u>Application</u>
SWBXS9	9	Any Socket Meter	GE DS, JEM10, Transdata and others	Retrofit to existing holes
SWBXS6	6	Any Socket Meter	GE DS, JEM10, Transdata and others	Retrofit to existing holes
SWBXS5	5	Any Socket Meter	GE DS, JEM10, Transdata and others	Retrofit to existing holes
SWBXS9-G	9	Any Socket Meter	GE DS, JEM10, Transdata and others	New installations
SWBXS6-G	6	Any Socket Meter	GE DS, JEM10, Transdata and others	New installations
SWBXS5-G	5	Any Socket Meter	GE DS, JEM10, Transdata and others	New installations

Surface Mount – Recommended for replacing JEM1 meters
 (Special Order – 4 weeks delivery)

<u>SUSI PN</u>	<u>Meter Form</u>	<u>New Meter plugging into Adapter</u>	<u>Mounting holes patterns for retrofits</u>	
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<u>SUSI PN</u>	<u>Meter Form</u>	<u>New Meter plugging into Adapter</u>	<u>Mounting holes patterns for retrofits</u>	
SWBXSJ9	9	Any Socket Meter	JEM1	Retrofit to existing holes
SWBXSJ6	6	Any Socket Meter	JEM1	Retrofit to existing holes
SWBXSJ5	5	Any Socket Meter	JEM1	Retrofit to existing holes

Options

-K	KYZ Output (*In Stock)
-T	Test Switch Plate
-TS	Test Switch Plate & Test Switch
-P	Adapter Plate for Large case switchboard meters from Schlumberger, GE, L&G and Transdata.
-A	Adapter Plate for Large switchboard meters-Westinghouse(ABB)

*Shipping Weight Approximately 6 lbs. FOB Norcross GA

For More Information call **770-448-6810** or e-mail sales@SouthernUtility.com

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