

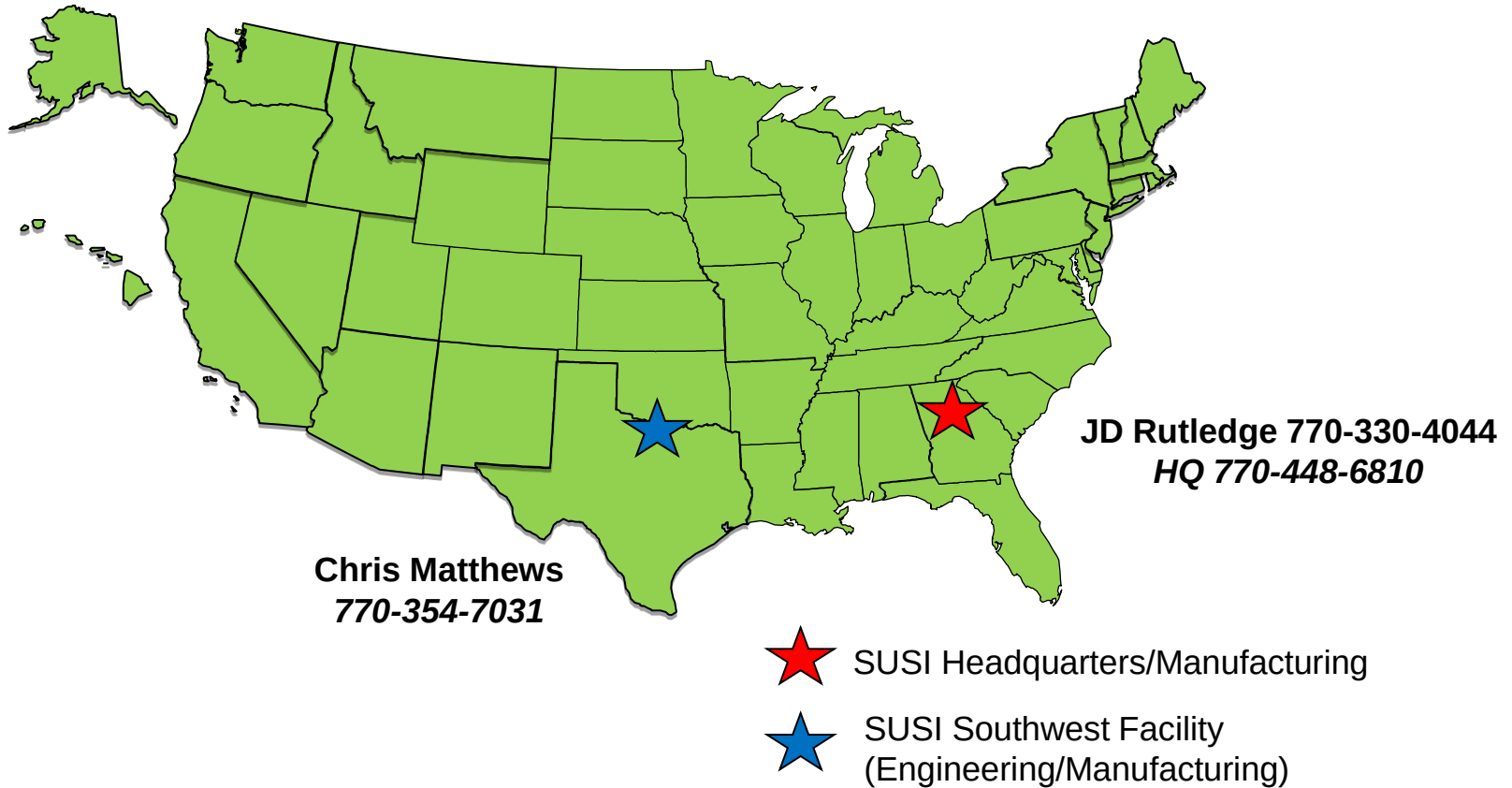
Meter Installations (Retrofits and New)

May 22, 2024



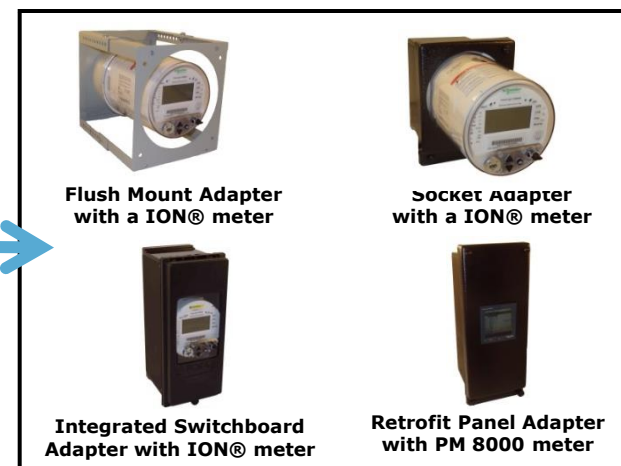
Working Together Since 2004

SUSI Adapters Facilities



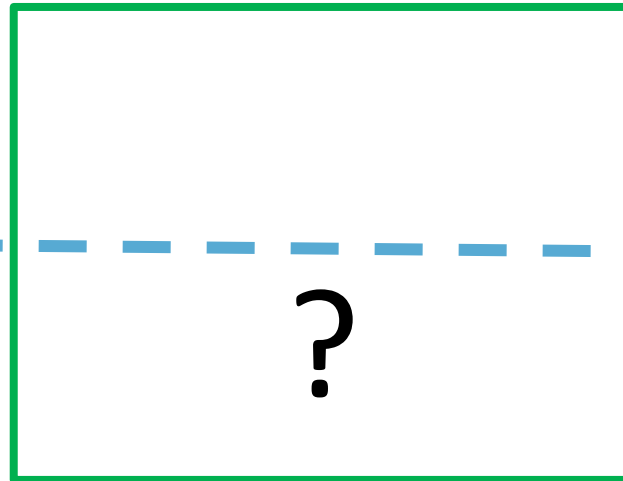


- Established 1995
- 20 year working with Schneider Electric (meters and relays)
- Adapter and meter patents
- 10 Solution Series, 200+ Products, Many Options
- Installations – 100's utilities & 1000's facilities





SUSI Adapter Value



**Flush Mount Adapter
with a ION® meter**



**Socket Adapter
with a ION® meter**



**Integrated Switchboard
Adapter with ION® meter**



**Retrofit Panel Adapter
with PM 8000 meter**



SUSI Adapter Value



- No Rewiring



**Flush Mount Adapter
with a ION® meter**



**Socket Adapter
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**Integrated Switchboard
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**Retrofit Panel Adapter
with PM 8000 meter**



SUSI Adapter Value



- No Rewiring
- No Outage



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SUSI Adapter Value



- No Rewiring
- No Outage
- Completed in Minutes



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- No Rewiring
- No Outage
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Flush Mount Adapter
with a ION® meter



Socket Adapter
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Integrated Switchboard
Adapter with ION® meter



Retrofit Panel Adapter
with PM 8000 meter

- Budget constrained Projects viable



SUSI Adapter Value



- No Rewiring
- No Outage
- Completed in Minutes



Flush Mount Adapter
with a ION® meter



Socket Adapter
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Integrated Switchboard
Adapter with ION® meter



Retrofit Panel Adapter
with PM 8000 meter

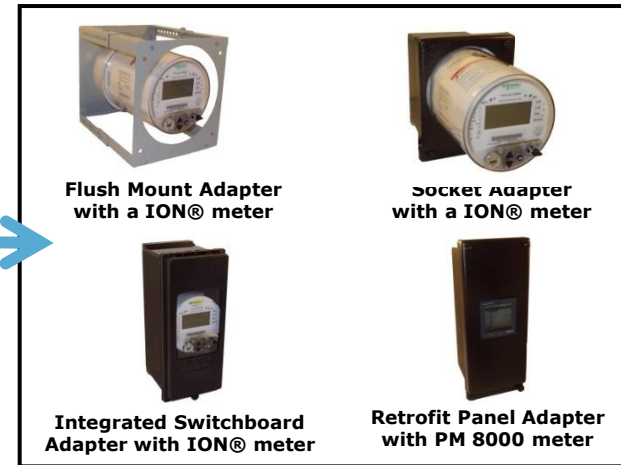
- Budget constrained Projects viable
- Avoids engineering / drafting modifications



SUSI Adapter Value



- No Rewiring
- No Outage
- Completed in Minutes



- Budget constrained Projects viable
- Avoids engineering / drafting modifications
- Eliminates downtime

Selecting an Adapter Solution



- Select the best meter for the application
- Indoor Installation Options
 1. What equipment is in place?
 2. What new meter do you want to install?
 3. Select the SUSI Adapter for easy installation.
 - Existing Draw-out Panel Retrofits
 - Existing Non-draw-out Retrofits (hard-wired)
 - New Installations
 - Existing Socket Installations

Identifying Existing Equipment

- Cases (slide-out cradles)
 - GE
 - Westinghouse
 - Basler Style
- Non-Case, Hard-wired
- Other ?

- Meters
 - Quantum
 - Transdata
 - JEM1
 - Data IQ
 - JEMSSTAR
 - GE
 - Westinghouse
 - Other ?

New Meter



Any Meter for Any Panel

- Existing Draw-out Panel Retrofits
- Existing Non-draw-out Panel Retrofits
- Non direct-install - New Installations
- Existing Socket Installation

Schneider
Electric



Any Meter for Any Panel

- Existing Draw-out Panel Retrofits
- Existing Non-draw-out Panel Retrofits
- Non direct-install - New Installations
- Existing Socket Installation

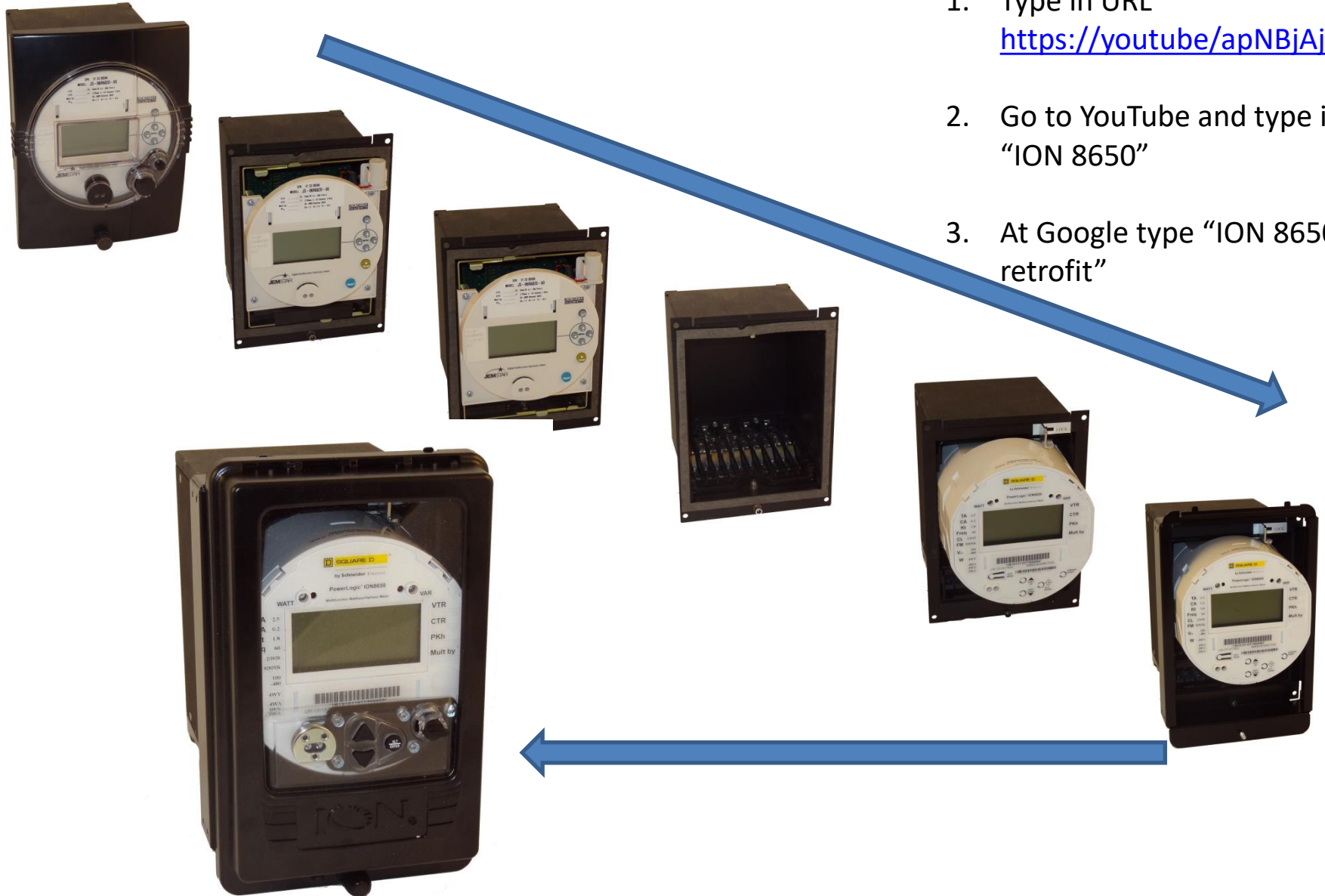
Schneider
Electric



Replacing a JEMSTAR with a new ION 8650 meter

Video

1. Type in URL
<https://youtube/apNBjAipNc>
2. Go to YouTube and type in
"ION 8650"
3. At Google type "ION 8650
retrofit"



Existing Draw-out Case Variety

- Existing Draw-out Panel Retrofits

Variations

Cases

- Existing Non-draw-out Panel Retrofits

- Non direct-install - New Installations

- Existing Socket Installation

Mfr.	Case	Panel Cutout		Cover Footprint	
		Width	Height	Width	Height
Basler	A1 (50/51B)	5.690	6.630	6.650	7.570
Basler	C1 (50/51M)	5.690	3.550	6.875	4.000
Basler	F1	5.875	5.875	6.376	7.250
Basler	H1 (w/escutcheon)	8.900	3.800	10.498	4.458
Basler	H1 (half rack)	8.750	3.500	10.500	3.470
Basler	L (CDS240)	5.690	14.630	6.610	20.130
Basler	M1	5.690	14.630	6.650	15.320
Basler	MX (w/escutcheon)	5.690	14.630	6.610	16.200
Basler	MX (19" rack)	14.630	5.250	19.000	5.220
Basler	S1	5.690	8.630	6.650	9.320
GE	C1 (IFC)	5.688	6.188	6.063	7.375
GE	L1, L1E	5.688	20.000	6.625	20.313
GE	L2, L2B, L2D, L2T	5.688	20.000	6.625	20.313
GE	M1, M1E	5.688	14.813	6.625	15.125
GE	M2, M2D	5.688	16.000	6.625	16.313
GE	S1, S1E	5.688	8.813	6.625	9.125
GE	S2	5.688	10.000	6.625	10.313
GE	V1 (SFC)	5.688	6.688	6.625	7.000
WH/ABB	FT-11	5.875	5.875	6.375	7.250
WH/ABB	FT-21/22	5.875	9.063	6.375	10.438
WH/ABB	FT-31/32	5.875	15.125	6.375	16.500
WH/ABB	FT-41/42	5.875	17.875	6.375	19.250
ABB	Circuit Shield	6.625	3.687	6.875	4.875

Elements

Meters

Quantum

JEM1

JEM2

2

2.5

3

Various
I/O &
Comm

Case Cutout and Cover Footprint for Meter,
Relays and Control Devices

ION 8650 Retrofit Solutions (SWII 40)

Retrofit Number	Existing Meter being Replaced	SUSI Part Number	ION 8650 in FT-21 Bracket	Original ION 8650 FT-21 Cover	Original Cables
1	GE DS-65, ES, EPM 5100 & KV 2.5 Element meter in small S1 case	SWIGS6-Q1-M8650	Yes	Yes	Yes
2	Quantum, 2 Element Meter	SWIUL5-Q-M8650	Yes	No	No
3	Quantum, 3 Element Meter	SWIUL9-Q-M8650	Yes	No	No
4	JEM1, 3 Element Meter in Tall case	SWIUL9-Q1-M8650	Yes	No	Yes
5	Q1000, 3 Element Meter	SWIUL9-QK1-M8650	Yes	No	Yes
6	JEM2, 3 Element Meter in Tall case	SWIUL9-JEM-M8650	Yes	No	No
7	Transdata, 3 Element Meter in Small case	SWITS9-Q1-M8650	Yes	Yes	Yes
7B	Transdata, 3 Element Meter in Small case with Transdata Module (TM1) Ethernet & 4 KYZ	SWITS9-TM1-M8650	Yes	Yes	No
7C	Transdata, 3 Element Meter in Small case with Transdata Module (TM2) RS-232 & 4 KYZ	SWITS9-TM2-M8650	Yes	Yes	No
7D	Transdata, 3 Element Meter in Small case with Transdata Module (TM3) Ethernet & Modem	SWITS9-TM3-M8650	Yes	Yes	No
7E	Transdata, 3 Element Meter in Small case with Transdata Module (TM4) Ethernet, RS-485 & Modem	SWITS9-TM4-M8650	Yes	Yes	No
7F	Transdata, 3 Element Meter in Small case with Transdata Module (TM5) Ethernet, RS-485 & RS-232	SWITS9-TM5-M8650	Yes	Yes	No
8	Quad 4, 3 Element Meter in FT-32 case	SWIWM9-Q1-M8650	Yes	No	Yes
8B	Quad 4, 3 Element Meter in FT-32 case with Analog Output	SWIWM9-QA-M8650	Yes	No	Yes
9	SWIT JEM1 Adapter for 3 element SW8 ION 8650	SWITSJEM1-M8650	Yes	Yes	Yes
10	Westinghouse/ABB 3 element meter in FT-21 small case with ethernet only output	SWIWS9-ETH-M8650	Yes	Yes	Yes
11	GE DS-65, 2 Element meter in small S1 case	SWIGS5-Q1-M8650	Yes	Yes	Yes
11B	GE DSW-63, 2 Element meter in small S1 case with KYZ output studs replaced with I/O connectors for direct connections	SWIGS5-S1K-M8650	Yes	Yes	Yes
12	JEM2, 2 Element Meter in Tall case	SWIUL5-JEM-M8650	Yes	No	No
13	GE DS-64, 3 Element meter in Tall case	SWIUGL9-Q1-M8650	Yes	No	Yes
14	JEMSTAR, JEMSTAR II & JEM 10 3 Element Meter in Small case	SWITS19-Q1-M8650	Yes	Yes	Yes
15	GE ES, EPM 5100 & KV 3 Element meter in small S1 case	SWIGS9-Q1-M8650	Yes	Yes	Yes
16	Q1000, 2 Element Meter	SWIUL5-QK1-M8650	Yes	No	Yes
17	JEMSTAR, 3 Element Meter in Small case with the KYZ-RS-232 PCB Connection	SWITS19-JEM52-M8650	Yes	Yes	No
18	JEMSTAR, 3 Element Meter in Small case with the KYZ-RS-232 PCB Connection	SWITS15-JEM52-M8650	Yes	Yes	No
19	3 Element Meter in FT-31 case (10 switches at bottom only)	SWIWL9-Q1-M8650	Yes	No	Yes
20	JEMSTAR, 3 Element Meter in Small case with the KYZ-RS-485 PCB Connection	SWITS19-JEM54-M8650	Yes	Yes	No
21	JEMSTAR, 2 Element Meter in Small case with the KYZ-RS-485 PCB Connection	SWITS15-JEM54-M8650	Yes	Yes	No
22	JEM10, 3 Element Meter in Small case with PCB Connection	SWITSX9-JEMX-M8650	Yes	Yes	No
23	Westinghouse/ABB 2.5 element meter in FT-21 small case with ethernet only output	SWIWS6-ETH-M8650	Yes	Yes	Yes
24	Westinghouse/ABB 3 element meter in FT-21 small case with ethernet and Aux power output	SWIWS9-ETH-AUX-M8650	Yes	Yes	Yes
25	JEMSTAR, 3 Element Meter in Small case with RS-232 & RS-485 PCB Connection	SWITS19-JEM524-M8650	Yes	Yes	No
26	JEMSTAR, 3 Element Meter in Small case with I/O Expander, Ethernet, Aux power and Modem PCB Connection	SWITS19-JEM5XP-M8650	Yes	No	No
27	JEMSTAR JEM10, 2 Element Meter in Small case with mini Breakout Panel, Slide - N-Male connection with AUX, Ethernet & 3 VO	SWITS1BPS-JEM5X-M8650	Yes	Yes	No
28	JEMSTAR JEM10, 3 Element Meter in Small case with mini Breakout Panel, Slide - N-Male connection with AUX, Ethernet & 3 VO	SWITS1BPS-JEM5X-M8650	Yes	Yes	No
29	JEMSTAR, 3 Element Meter in Small case with AUX power and Ethernet PCB Connection	SWITS19-JEM5SC-M8650	Yes	Yes	No

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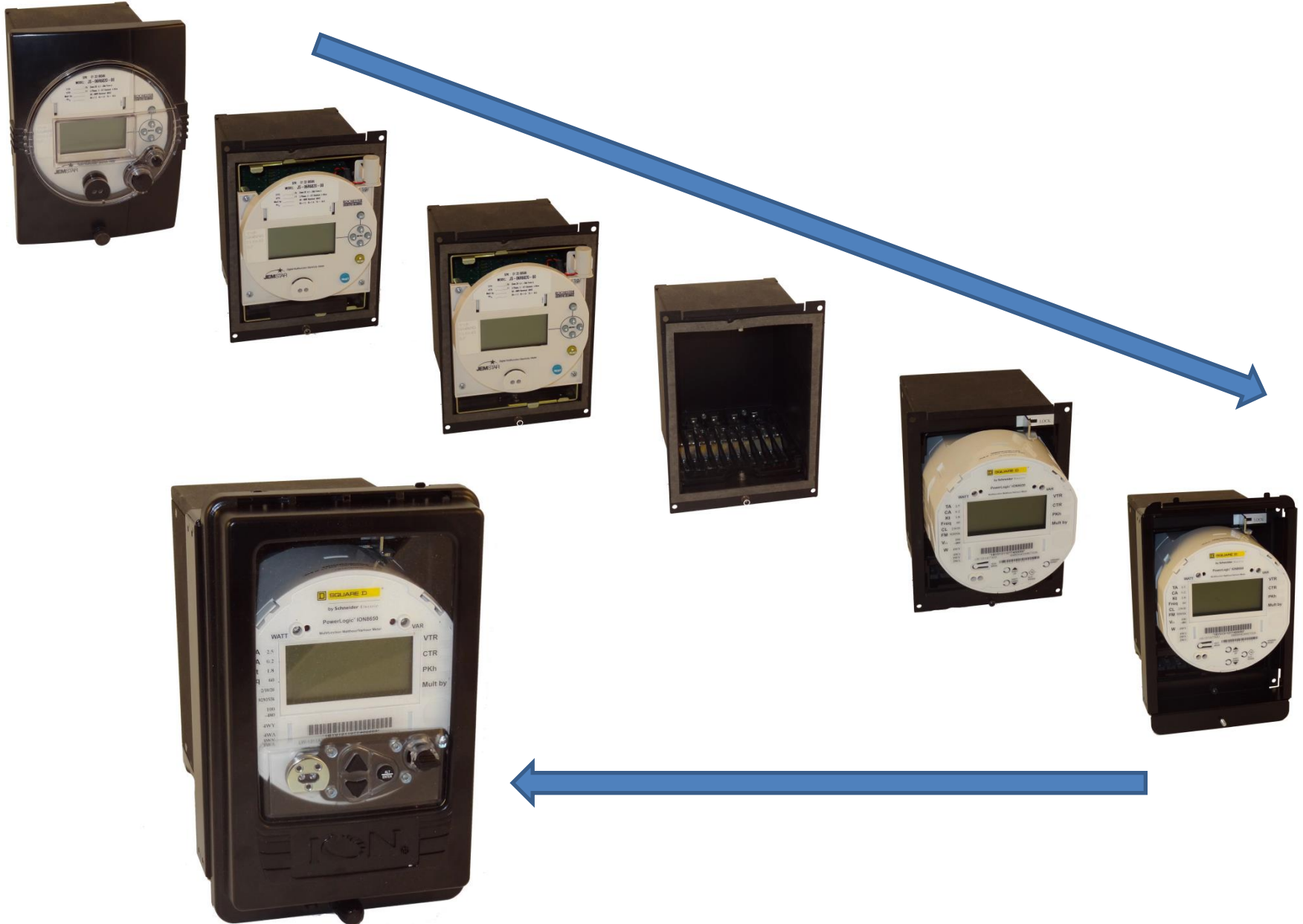


ION 8650 Retrofit Solutions

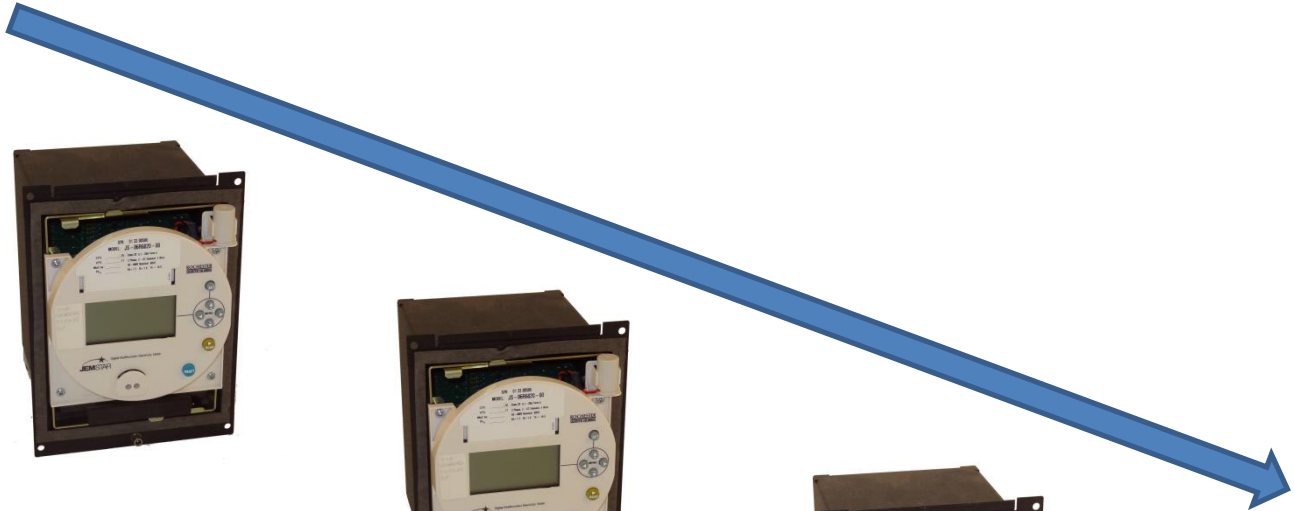
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Retrolfit Number	Existing Meter being Replaced	SUSI Part Number	ION 8650 in FT-21 Bracket	Original ION 8650 FT-21 Cover	Original Cable
30	ION 8650 3 element meter in FT-21 small case with Ethernet routed through the modem cable	SWIW59-DX1-M8650	Yes	Yes	No
31	JEMSTAR II, 3 element Meter in Small case with RS-232 & RS-485 PCB Connection	SWIITSJ29-JEM521-M8650	Yes	No	No
32	JEMSTAR, 3 Element Meter in Small case with RS-232, RS-485 & Digital Inputs PCB Connection	SWIITSJ29-JEM524-M8650	Yes	No	No
33	Quantum, 3 Element Meter with Expander Module signals, Ethernet & Modem routed to the 9 & 25 Pin Connectors	SWIIL9-D2-M8650	Yes	No	No
34	Quantum, 2 Element Meter with Expander Module signals, Ethernet & Modem routed to the 9 & 25 Pin Connectors	SWIIL25-D2-M8650	Yes	No	No
35	Transdata, 2 Element Meter in Small case with Transdata Module (TMS) Ethernet, RS-485 & RS-232	SWIITS-TMS-M8650	Yes	No	No
36	JEM STAR I JEM D, 2.5 (Form B) Element Meter in Small case with Mini Breakout Panel, Slide-N-Mate connection with AUX, Ethernet & 3 VO	SWIITSJBP-JEM5K-M8650	Yes	No	No
37	JEM STAR JEM D, 2.5 (Form B) Element Meter in Small case with mini Breakout Panel, Slide-N-Mate connection with AUX, Ethernet & 3 VO	SWIITSJBP-JEM5K-M8650	Yes	No	No
38	ION 3 element meter in FT-21 Elite	SWIITSW5E-M8650	Yes	No	No
39	JEMSTAR, 2 Element Meter in Small case with RS-232 & RS-485 PCB Connection	SWIITSJ5-JEM524-M8650	Yes	Yes	No
40	JEMSTAR II, 3 Element Meter in Small case with QS Cable (AUX, IRIG-B, RI4S, & RS-485	SWIITSJ29-D6-M8650	Yes	Yes	No

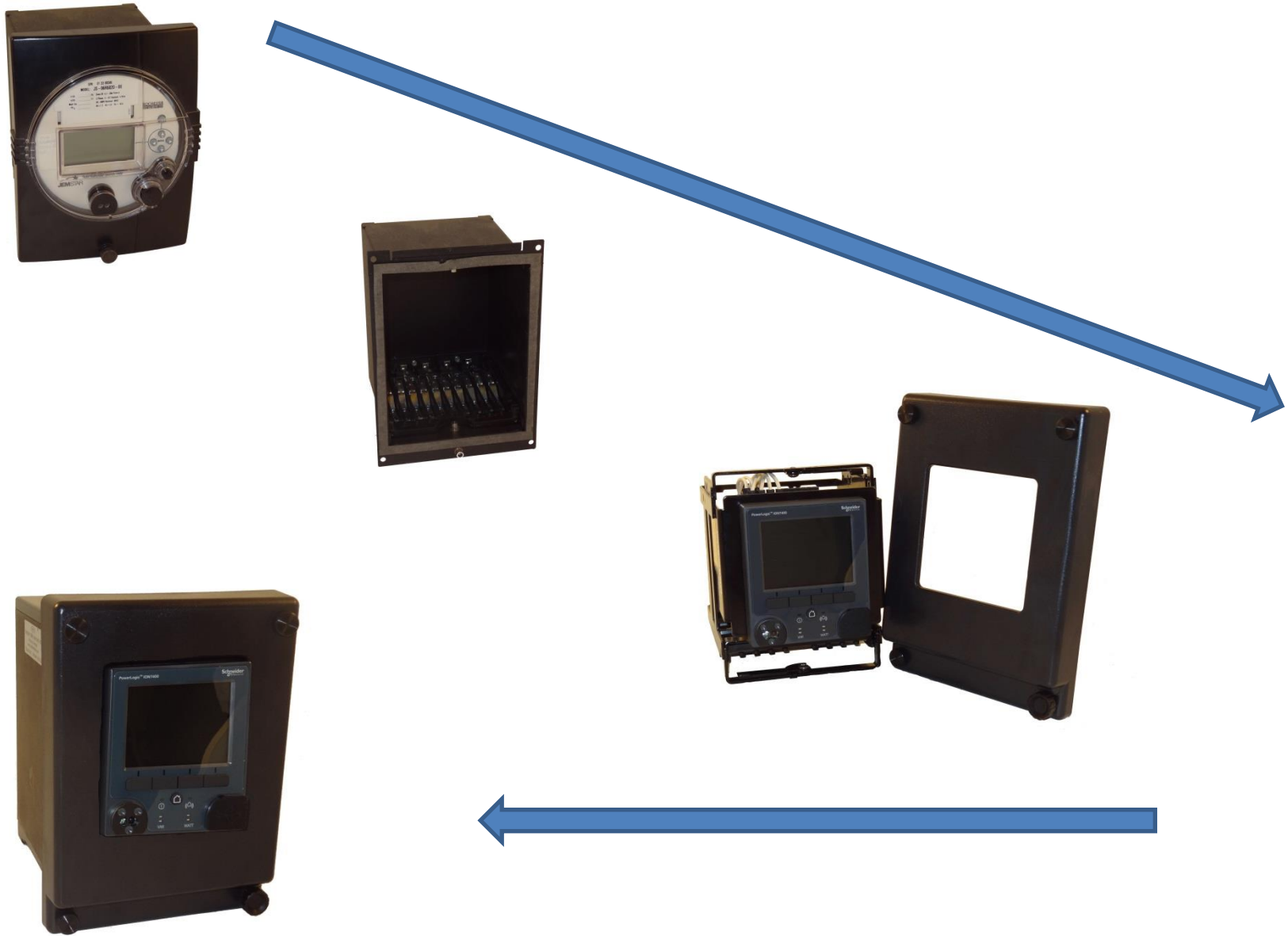
SWI – Integrated (JEMSTAR to 8650)



SWR – Retrofit Socket (JEMSTAR to 8650)



SWD – Retrofit Panel (JEMSTAR to 7400)



ION7400 Retrofits

- No rewiring
- Use existing cases
- Replace old and obsolete meters in less than 5 minutes!

SUSI Adapters' Retrofit Panel Adapter Product Availability Chart		
SUSI #	Manufacturer's Model #	Case Description
SWDGS	GE DS-63/65/66, DSM-63/65/66, DSW-63/65/66, GE KV series, GE ES series, GE EV, GE EPM 5100, Sangamo	GE Small case
SWDGSR	GE DS-63/65/66, DSM-63/65/66, DSW-63/65/66, GE KV series, GE ES series, GE EV with electronic register (R)	GE Small case but 1 9/16" deeper than standard case
SWDG53	GE DS-53/55, DSM-53/55, DSW-53/55	GE Small case with hard wired connections
SWDG43	GE DS-43	GE Medium case
SWDG38	GE DS-38	GE Medium case with cover mounting to cradle
SWDGL	GE DS-64, DSM-64, DSW-64, Sangamo Large case	GE Large case
SWDGL	GE DS-67, DS-69	GE Large case (2 meters)
SWDGLR	GE DS-64, DSM-64, DSW-64 with electronic register ®	GE Large case but 1 9/16" deeper than standard case
SWDG54	GE DS-54	GE Large case with hard wired connections
SWDGX	GE DS-44	GE Extra large case
SWDG39	GE DS-39	GE Extra large case with cover mounting to cradle
Note: For GE DS meters "M" means Demand meter and "W" means KYZ output		
SWDWS	Westinghouse/ABB (CB-2F/8F, D2B-2F/8F, D4B-2F/8F, D5B-2F/8F, D4B-3F, D5B-3F, CB-7F, D2B-7F, D4B-7F, D5B-7F), Alpha, L&G 2510, PSI	Westinghouse Small case
SWDWL	Westinghouse/ABB (CB-2F/8F, D2B-2F/8F, D4B-2F/8F, D5B-2F/8F, CB-3F, D2B-3F, D4B-3F, D5B-3F, CB-7F, D2B-7F, D4B-7F, D5B-7F), Alpha, L&G 2510, PSI	Westinghouse Large case with switches on bottom only
SWDWM	Westinghouse/ABB (CB-2F/8F, D2B-2F/8F, D4B-2F/8F, D5B-2F/8F, CB-3F, D2B-3F, D4B-3F, D5B-3F, CB-7F, D2B-7F, D4B-7F, D5B-7F), Alpha, L&G 2510, PSI	Westinghouse Large case with switches on top & bottom
SWDTS	JEM10, JEMSTAR, Transdata	Basler style small case
SWDJL	Schlumberger (Q1000, Quantum, Fulcrum, SQ400) , JEM2, Transdata	Basler style large case



Schneider/SUSI ION7400 retrofit
in small GE case



Schneider/SUSI ION7400 retrofit
in large GE case



Schneider/SUSI ION7400 retrofit
in large Basler case

Dual Circuit Totalizing Meters



Adapter in case with 2 Schneider meters



Adapter with 2 Schneider meters



Adapter with Totalized Schneider meter

Panel to socket conversions



PS9-5500 with Schneider PM5500 with fuses

ION7400 in ION8650 Case

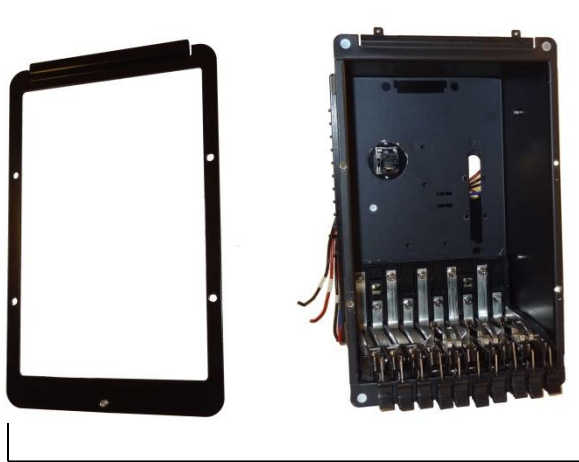


SWD – Retrofit Panel (GE DS-67 (Two 2- element meters) to 7400's)

- Unique dual circuit replacement
- Ethernet connection communicates between meters



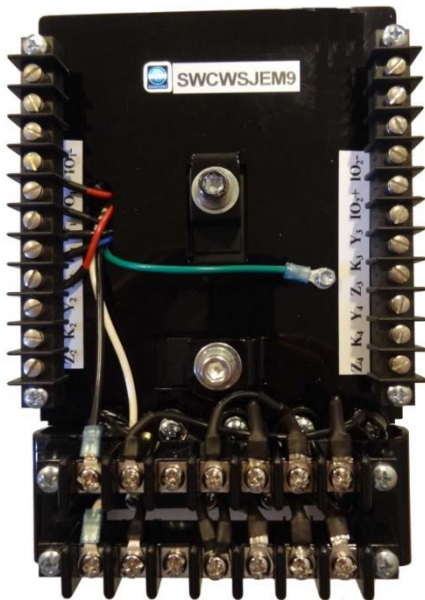
JEM1 Retrofits



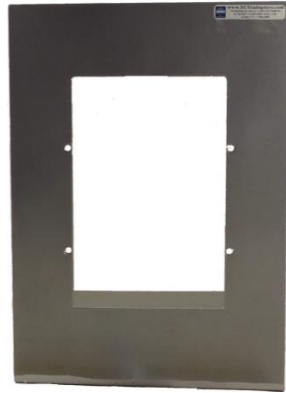
SWCWSJEM9



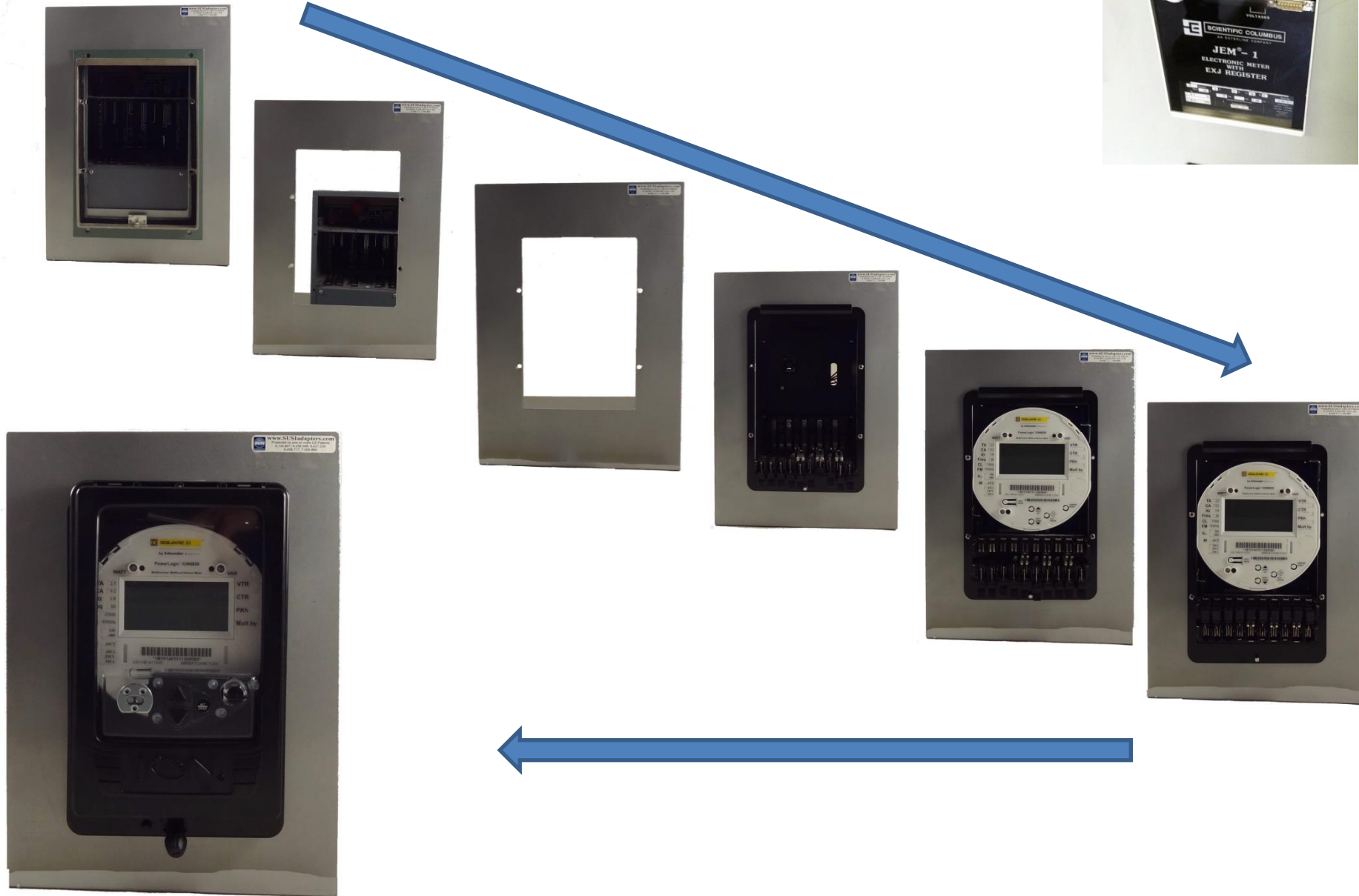
SWDWSJ9-74



SWC /SWD – JEM1 to 7400

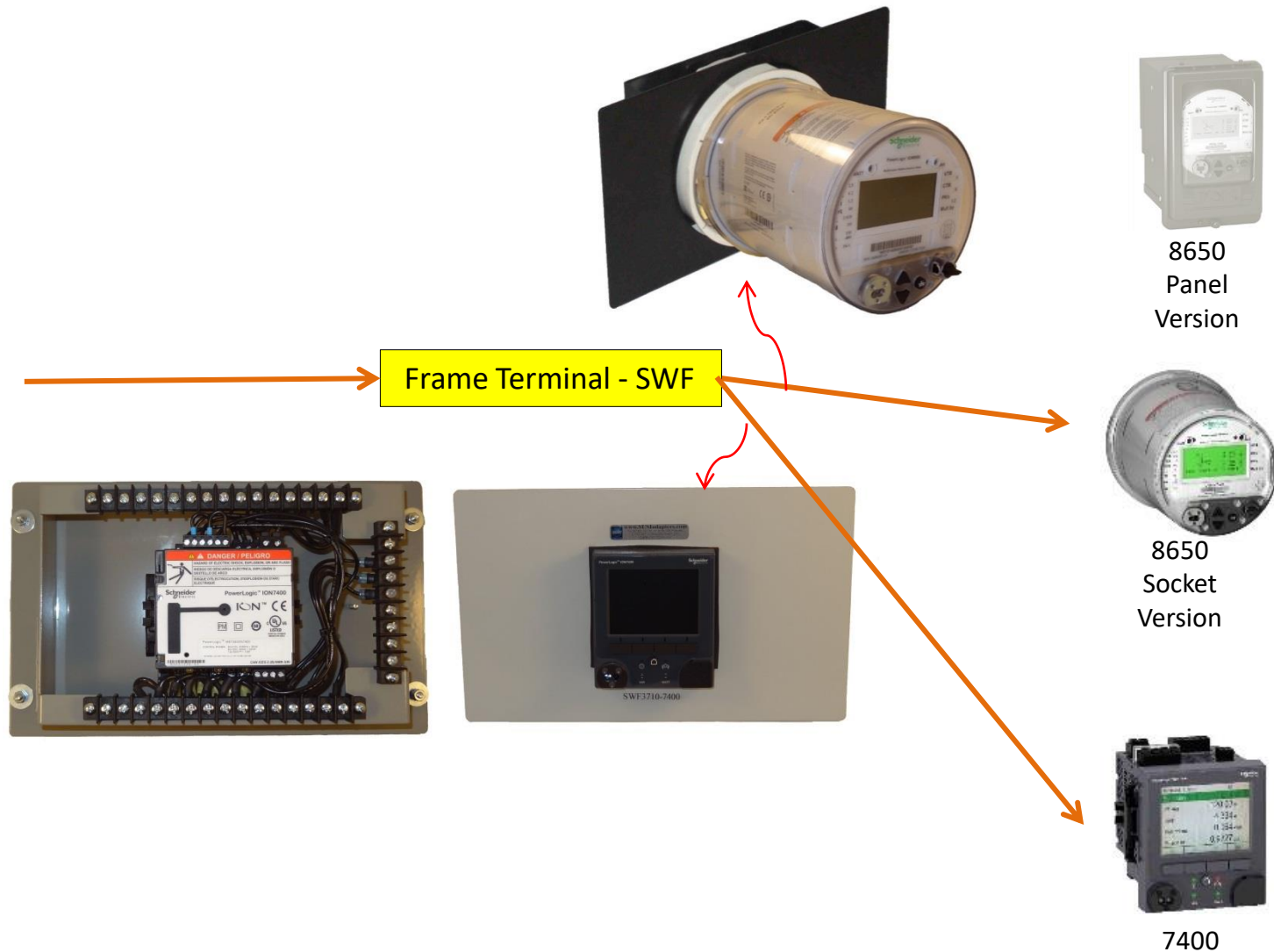


SWC /SWI – JEM1 to 8650



Frame Terminal - SWF Solution Series

- Existing Draw-out Panel Retrofits
- Existing Non-draw-out Panel Retrofits
- Non direct-install - New Installations
- Existing Socket Installation



New Installation Solutions

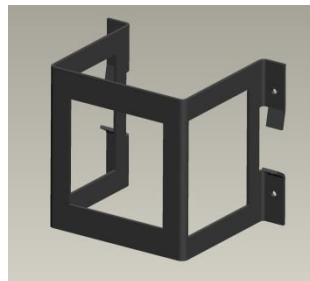
- Existing Draw-out Panel Retrofits
- Existing Non-draw-out Panel Retrofits
- Non-direct install - New Installations
- Existing Socket Installation



8650
Panel
Version



8650
Socket
Version



Flush Mount - SWA

Surface Mount - SWB

Bracket Surface Mount - BSM



7400

Panel to Socket Adapter - PS

- Existing Draw-out Panel Retrofits
- Existing Non-draw-out Panel Retrofits
- Non direct-install - New Installations
- Existing Socket Installation



Panel Socket - PS



8650
Panel
Version



8650
Socket
Version



7400

Summary - Solution Series



Integrated - SWI



Retrofit Panel - SWD



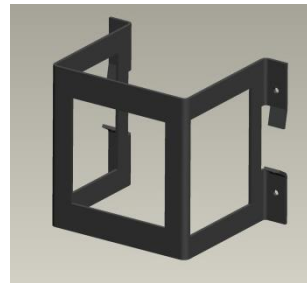
Retrofit Socket - SWR



Surface Mount - SWB



Flush Mount - SWA



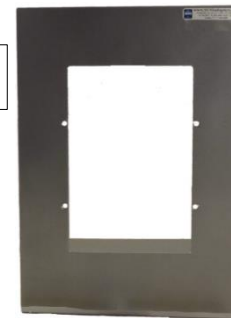
Bracket Surface Mount - BSM



Case - SWC



Frame Terminal - SWF



Plates



Panel Socket - PS

I/O Connections

- External Connectors
 - Ethernet
 - KYZ pulse outputs
 - RS485
 - RS232
 - Modem
 - Others
- Install Options
 - Drill hole in old case
 - Side of Cover
 - Wireless
 - Existing Connectors
 - Use Existing holes or knockouts
- Interactive Process
 - Determine needs (existing and new meter adds)
 - Installation ease
 - Adapter I/O options

Adapter I/O Integration Levels



- **1 – Slide and front** - The non Current/Voltage connections from the meter will be brought out of the case through the FRONT cover.



- **2 – Slide and pull** - The non Current/Voltage connections from the meter will need to be PULLED through the back of the case when the adapter is slid into the case.



- **3 – Slide and poke**– The non Current/Voltage connections from the meter will POKE through the back opening when the adapter is slid into the case.



- **4 – Slide and mate** – The non Current/Voltage connections from the meter will MATE with connectors in the back when the adapter is slid into the case.

I/O Connection Levels

Level 1



Level 2



Level 3



Level 4



Customer Thoughts

“It took me longer to walk to the meter on site than it did to change it out”

“We were able to change 3 out in 1 hour rather than waiting 6 months for the next scheduled outage”

“I’m not sure what we would have done without the adapters, SUSI made the project possible”

“We saved over thousands per meter install based on using SUSI Adapters”



SUSI Adapter Innovative Replacement and Value

- No Rewiring
- No Outage
- Completed in Minutes
- Budget constrained Projects viable
- Avoids engineering / drafting modifications
- Eliminates downtime





SUSI Adapter Innovative Replacement and Value

- No Rewiring
- No Outage
- Completed in Minutes
- Budget constrained Projects viable
- Avoids engineering / drafting modifications
- Eliminates downtime
- **Typical Alternatives:**
 - Replace entire panel
 - Mount an A-Base Meter somewhere on the Panel
 - Mount Meter Remotely
 - Meters aren't replaced or postponed
- Expensive
- Time Consuming
- Labor Intensive
- Inflexible Scheduling
- Limits Future interchangeability

TVA



Existing Metering



**Original Quantum
Meter**



**Schneider/SUSI
ION 8650 Retrofit
Adapter/Meter
(SWIIL9-Q-M8650)**

**ION 8650 Retrofit
Adapter/Meter
in existing
Quantum case**

- Improved quality of Revenue Metering
- Saved hours of engineering and drafting labor with switch out

Tucson Electric Power



- 7 different types of existing meters in various enclosures
- Converted 100 meters from various generations of substation installs to standard metering, communications, and software

Your Company



- Existing Situation
- Adapter / Meter Solution Value

www.SchneiderAdapters.com

Working Together We Provide Great Solutions



HOME CONTACT

HOME

▼HOW TO BUY

▼SUPPORT



HOME CONTACT

Leader in Electric Meter Installation Solutions



SUSI Adapters

Any meter on any panel with
SUSI adapters



Trusted Quality

Since 1995 with patented
solutions



Install In Minutes

Socket and panel meters install
in minutes NOT hours



Save Money

Lowest cost upgrade path
(Retrofit or New)



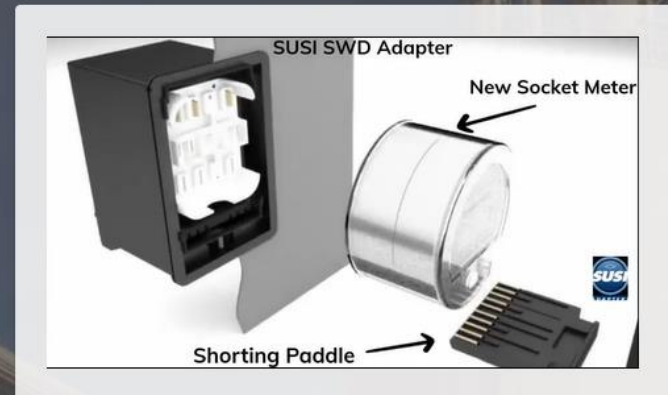
No Power Outage Or Re-Wiring

Easy installation



Future Interchangeability

Lower cost meter maintenance,
repair and upgrade



Cost Effective Solutions for Upgrading or New Meter Installations

Applications

SUSI Product Series

Series



Retrofit Socket Adapters
SWR Series



Retrofit Panel Adapters
SWD Series



Flush Mount Panel
Adapters
SWA Series



Surface Mount Adapters
SWB Series



Panel Socket Adapters
PS Series



Non-case Adapters
SWF Series



Integrated Adapters
SWI Series



Retrofit Relay Adapter
SWL Series



PDF Selection Guide



Schneider Electric/SUSI Adapters Selection Guide



Existing GE Series Meters

Select New Meter	Select Existing Meter being Replaced	ION 8650 Socket Meter	ION 8650 Integrated	ION 7400	PM 5000
GE D9-69 (Deep G9) SUSI Case "G9"	SWD0S	SWD0S	SWD0S	SWD0S	SWD0S
GE EPM 5100	SWD0S-EPM	SWD0S	SWD0S-EPM	SWD0S-EPM	SWD0S-EPM
GE M-900 (Deep G9) SUSI Case "G9B"	SWD0B	N/A	SWD0B	SWD0B	SWD0B
GE D9-64 SUSI Case "G4"	SWD0L9	SWD0L9	SWD0L9	SWD0L9	SWD0L9
GE M-900 (Deep "GE") SUSI Case "GLB"	SWD0LR	N/A	SWD0LR	SWD0LR	SWD0LR

Notes: 1. The " " in the SUSI part number is to be replaced with a 5, 6 or 9 for a 2, 2 1/2 and 3 element meters respectively.
2. All SUSI EPM series products have the option "M" for mounting and wiring the meter into the SUSI adapter. 400-2003-00-0

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Electric/SUSI Adapters Selection Guide

Existing GE Series Meters

Select New Meter	Select Existing Meter being Replaced	ION 8650 Socket Meter	ION 8650 Integrated	ION 7400	PM 5000
GE D9-69 (Deep G9) SUSI Case "G9"	SWD0S	SWD0S	SWD0S	SWD0S	SWD0S
GE EPM 5100	SWD0S-EPM	SWD0S	SWD0S-EPM	SWD0S-EPM	SWD0S-EPM
GE M-900 (Deep G9) SUSI Case "G9B"	SWD0B	N/A	SWD0B	SWD0B	SWD0B
GE D9-64 SUSI Case "G4"	SWD0L9	SWD0L9	SWD0L9	SWD0L9	SWD0L9
GE M-900 (Deep "GE") SUSI Case "GLB"	SWD0LR	N/A	SWD0LR	SWD0LR	SWD0LR

Notes: 1. The " " in the SUSI part number is to be replaced with a 5, 6 or 9 for a 2, 2 1/2 and 3 element meters respectively.
2. All SUSI EPM series products have the option "M" for mounting and wiring the meter into the SUSI adapter. 400-2003-00-0

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Adapters Selection Guide

New Power Logic Meters	ION 8650 Integrated	ION 7400	PM 5000
ION 8650 Integrated	SWD0S	SWD0S	SWD0S
ION 7400	SWD0S	SWD0S	SWD0S
PM 5000	SWD0S	SWD0S	SWD0S
ION 8650 Integrated	SWD0B	SWD0B	SWD0B
ION 7400	SWD0B	SWD0B	SWD0B
PM 5000	SWD0B	SWD0B	SWD0B
ION 8650 Integrated	SWD0L9	SWD0L9	SWD0L9
ION 7400	SWD0L9	SWD0L9	SWD0L9
PM 5000	SWD0L9	SWD0L9	SWD0L9
ION 8650 Integrated	SWD0LR	SWD0LR	SWD0LR
ION 7400	SWD0LR	SWD0LR	SWD0LR
PM 5000	SWD0LR	SWD0LR	SWD0LR

Notes: 1. The " " in the SUSI part number is to be replaced with a 5, 6 or 9 for a 2, 2 1/2 and 3 element meters respectively.
2. All SUSI EPM series products have the option "M" for mounting and wiring the meter into the SUSI adapter. 400-2003-00-0

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Schneider Electric/SUSI Adapters Selection Guide



Existing GE Series Meters

Select New Meter	Select Existing Meter being Replaced	ION 8650 Socket Meter	ION 8650 Integrated	ION 7400	PM 5000
GE D9-69 (Deep G9) SUSI Case "G9"	SWD0S	SWD0S	SWD0S	SWD0S	SWD0S
GE EPM 5100	SWD0S-EPM	SWD0S	SWD0S-EPM	SWD0S-EPM	SWD0S-EPM
GE M-900 (Deep G9) SUSI Case "G9B"	SWD0B	N/A	SWD0B	SWD0B	SWD0B
GE D9-64 SUSI Case "G4"	SWD0L9	SWD0L9	SWD0L9	SWD0L9	SWD0L9
GE M-900 (Deep "GE") SUSI Case "GLB"	SWD0LR	N/A	SWD0LR	SWD0LR	SWD0LR

Notes: 1. The " " in the SUSI part number is to be replaced with a 5, 6 or 9 for a 2, 2 1/2 and 3 element meters respectively.
2. All SUSI EPM series products have the option "M" for mounting and wiring the meter into the SUSI adapter. 400-2003-00-0

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Electric/SUSI Adapters Selection Guide

Existing GE Series Meters

Select New Meter	Select Existing Meter being Replaced	ION 8650 Socket Meter	ION 8650 Integrated	ION 7400	PM 5000
GE D9-69 (Deep G9) SUSI Case "G9"	SWD0S	SWD0S	SWD0S	SWD0S	SWD0S
GE EPM 5100	SWD0S-EPM	SWD0S	SWD0S-EPM	SWD0S-EPM	SWD0S-EPM
GE M-900 (Deep G9) SUSI Case "G9B"	SWD0B	N/A	SWD0B	SWD0B	SWD0B
GE D9-64 SUSI Case "G4"	SWD0L9	SWD0L9	SWD0L9	SWD0L9	SWD0L9
GE M-900 (Deep "GE") SUSI Case "GLB"	SWD0LR	N/A	SWD0LR	SWD0LR	SWD0LR

Notes: 1. The " " in the SUSI part number is to be replaced with a 5, 6 or 9 for a 2, 2 1/2 and 3 element meters respectively.
2. All SUSI EPM series products have the option "M" for mounting and wiring the meter into the SUSI adapter. 400-2003-00-0

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Adapters Selection Guide

New Power Logic Meters	ION 8650 Integrated	ION 7400	PM 5000
ION 8650 Integrated			

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Interactive Selection Guide

SEND SUSI MY METER

Existing Meter
(Manufacturer/Model)

Existing Meter

GE -DS-66

New Meter
(Manufacturer/Model)

New Meter

Schneider Electric

Schneider Electric- Relay- Ecofit 50/51

Schneider Electric- Panel- ION 6200

Schneider Electric- Panel- ION 7400

Schneider Electric- Panel- ION 8650 (Pan

Schneider Electric- Socket- ION 8650 (Socket)

Application Type
(Service/Form)

Application Type

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Image	Series	Name
		
	SWD	SWDGS9
		SWDGS9 (Retrofit Panel Adapter / GE S1 Case / 3 Element)
	SWD	SWDGS9-74
		SWDGS9-74 (Panel retrofit adapters, / 3 Element / GE S1 Case / ION 7400 series meter)

Meter Page

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SUSI Products

INNOVATIVE PRODUCTS THAT ARE DESIGNED TO MAKE YOUR LIFE EASIER.

- Easy installation. No re-wiring or shutting off power is needed.
- Retrofits into most existing large and small switchboard/panel meter applications.
- Especially good for applications where old meters exist, where there is asbestos wiring present or there are very tight meter regulations.
- Lower initial and replacement costs.

ION7400 Brochure

Example - Product Page

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SWDWS9-74

SWDWS9-74 (Retrofit Panel Adapter / Westinghouse FT-21 Case / 3 Element / ION 7400 series meter)



SUSI Adapters' panel retrofit adapters (SWD Series) allow you to install a Schneider Electric ION7400 meter into any switchboard panel. The installation can be completed in minutes without de-energizing the circuit or re-wiring any component. Easy application translates into lower labor costs, which makes the meter upgrade feasible for many applications.

You can cost-effectively upgrade to the newest metering technology without shutting down the circuit or being concerned with miss-wiring or handling asbestos wiring with this solution. You will have the benefit of easily upgrading the metering in the future once the SUSI Adapter has been installed. These adapters are among the newest additions to SUSI Adapters' comprehensive patented panel meter adapter products.

ADVANTAGES

- Easy installation. No re-wiring or shutting off power is needed.
- Retrofits into most existing large and small switchboard/panel meter applications.

 Pictures

 SWDWS9-74

 SWDWS9-74 180

 SWDWS9-74 ISO

 Wiring Diagrams

 Installation Instruction

 Series Brochure

 Support Documents

Tools to assist you

- SchneiderAdapters.com
- Interactive Selection Guide
- MeterDatabase.com
- Contacts (JD Rutledge, Chris Matthews)
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 - Sales@SUSladders.com
 - JD@SUSladders.com
 - Chris@SUSladders.com
 - 770-448-6810

