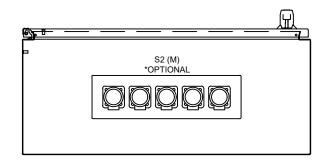


| | CABLE/WIRE SIZE |
|---------|----------------------|
| S1 | (1) #6 AWG - 300 MCM |
| S2 | (1) #4 AWG - 300 MCM |
| LOAD | (1) #4 AWG - 300 MCM |
| NEUTRAL | (4) #4 AWG - 500 MCM |
| GROUND | (7) #6 AWG - 350 MCM |



| | | ATS 100A | 3P | |
|--------------|----------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-01X3 | 100A | 208V | NONE | 3P3W |
| PWA-ATS-01X5 | 100A | 480V | NONE | 3P3W |
| PWA-ATS-01X7 | 100A | 600V | NONE | 3P3W |
| PWA-ATS-01N4 | 100A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-01N6 | 100A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-01N8 | 100A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-01S1 | 100A | 120V | SWITCHED | 1P2W |
| PWA-ATS-01S2 | 100A | 120/240V | SWITCHED | 2P3W |

| | | MTS 100A 3P | | |
|--------------|----------|-------------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-01X3 | 100A | 208V | NONE | 3P3W |
| PWA-MTS-01X5 | 100A | 480V | NONE | 3P3W |
| PWA-MTS-01X7 | 100A | 600V | NONE | 3P3W |
| PWA-MTS-01N4 | 100A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-MTS-01N6 | 100A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-MTS-01N8 | 100A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-MTS-01S1 | 100A | 120V | SWITCHED | 1P2W |
| PWA-MTS-01S2 | 100A | 120/240V | SWITCHED | 2P3W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY NOTE: *_* DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

| BOTTOM | VIEW |
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INNOVATIVE POWER SOLUTIONS

POWER ASSEMBLIES **ENGINEERING**

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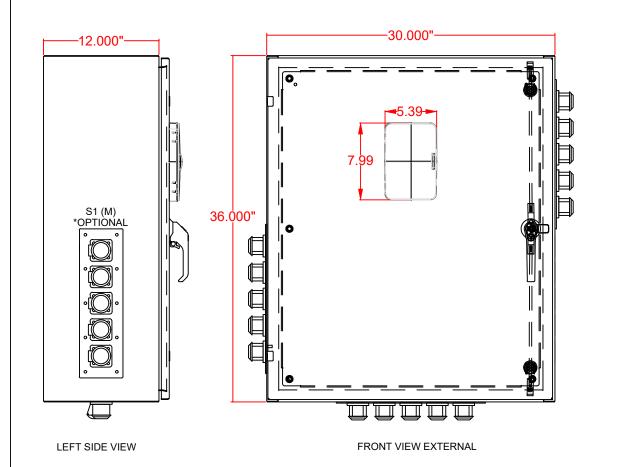
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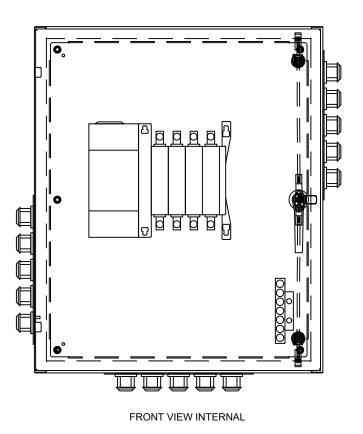
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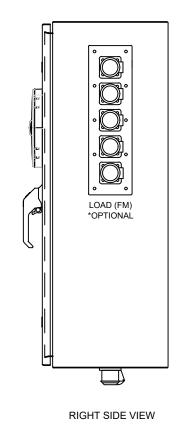
ATS/MTS 100A 3P

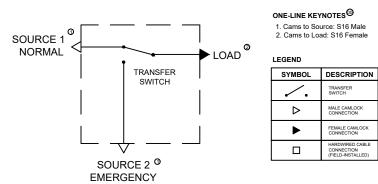
| ı | BOILD NAME. |
|---|--|
| ı | TRANSFER SWITCH |
| ı | IRANSPER SWITCH |
| ı | |
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| | CABLE/WIRE SIZE |
|---|----------------------|
| (| (1) #6 AWG - 300 MCM |
| (| (1) #4 AWG - 300 MCM |
| (| (1) #4 AWG - 300 MCM |
| (| (4) #4 AWG - 500 MCM |
| (| (7) #6 AWG - 350 MCM |

MALE CAMLOCK CONNECTION

| 6 - | <u> </u> | |
|------------|------------------|--|
| Þ | S2 (M) *OPTIONAL | |

| BOTTOM VIEW |
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| | | ATS 100A 4P | | |
|--------------|----------|-------------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-01S4 | 100A | 120/208V | SWITCHED | 4P4W |
| PWA-ATS-01S6 | 100A | 277/480V | SWITCHED | 4P4W |
| PWA-ATS-01S8 | 100A | 347/600V | SWITCHED | 4P4W |

| MTS 100A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-01S4 | 100A | 120/208V | SWITCHED | 4P4W |
| PWA-MTS-01S6 | 100A | 277/480V | SWITCHED | 4P4W |
| PWA-MTS-01S8 | 100A | 347/600V | SWITCHED | 4P4W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

LOAD NEUTRAL GROUND

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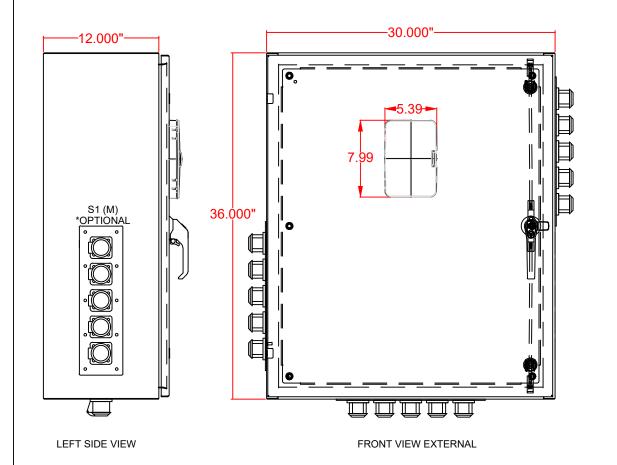
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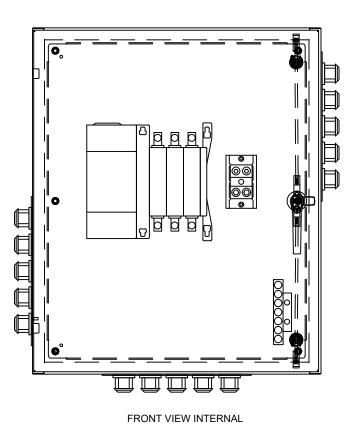
ATS/MTS 100A 4P

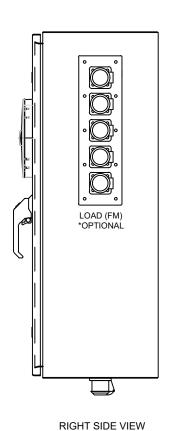
BUILD NAME:

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SOURCE 1 0 ► LOAD [®] NORMAL TRANSFER SOURCE 2 ⁰

EMERGENCY

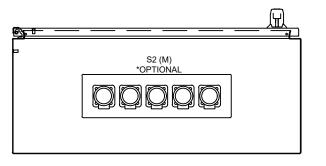
ONE-LINE KEYNOTES

Cams to Source: S16 Male
 Cams to Load: S16 Female

LEGEND

| SYMBOL | DESCRIPTION |
|------------------|--|
| /. | TRANSFER SWITCH |
| \triangleright | MALE CAMLOCK CONNECTION |
| • | FEMALE CAMLOCK CONNECTION |
| | HARDWIRED CABLE CONNECTION (FIELD-INSTALLED) |

| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 | (1) #6 AWG - 300 MCM | |
| S2 | (1) #4 AWG - 300 MCM | |
| LOAD | (1) #4 AWG - 300 MCM | |
| NEUTRAL | (4) #4 AWG - 500 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |



| | ATS 200A 3P | | | | |
|--------------|-------------|----------|--------------|--------------|--|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES | |
| PWA-ATS-02X3 | 200A | 208V | NONE | 3P3W | |
| PWA-ATS-02X5 | 200A | 480V | NONE | 3P3W | |
| PWA-ATS-02X7 | 200A | 600V | NONE | 3P3W | |
| PWA-ATS-02N4 | 200A | 120/208V | NON-SWITCHED | 3P4W | |
| PWA-ATS-02N6 | 200A | 277/480V | NON-SWITCHED | 3P4W | |
| PWA-ATS-02N8 | 200A | 347/600V | NON-SWITCHED | 3P4W | |
| PWA-ATS-02S1 | 200A | 120V | SWITCHED | 1P2W | |
| PWA-ATS-02S2 | 200A | 120/240V | SWITCHED | 2P3W | |

POLES, WIRES AMPERAGE VOLTAGE NEUTRAL PWA-MTS-02X -3 NONE 3P3W PWA-MTS-02X -5 3P3W 480V NONE NONE PWA-MTS-02X -7 600V 3P3W PWA-MTS-02N -4 120/208V NON-SWITCHED 3P4W PWA-MTS-02N_-6 NON-SWITCHED 3P4W 277/480V PWA-MTS-02N_-8 347/600V NON-SWITCHED 3P4W PWA-MTS-02S_-1 120V SWITCHED 1P2W SWITCHED PWA-MTS-02S_-2 200A 2P3W 120/240V

MTS 200A 3P

NOTE: * * DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

| BOTTOM VIEW | |
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| NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN | DESIGNATED CATEGORY |
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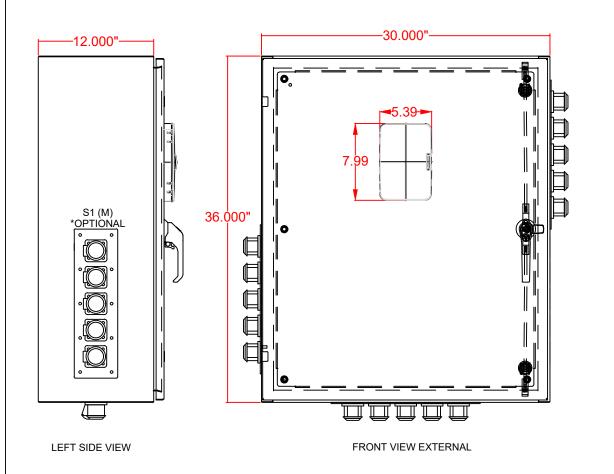
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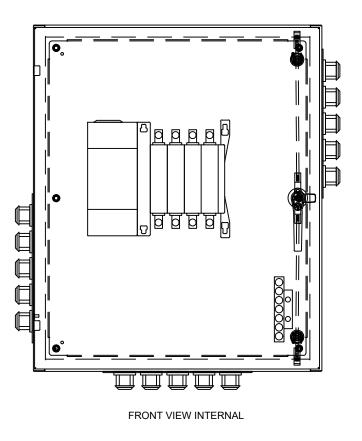
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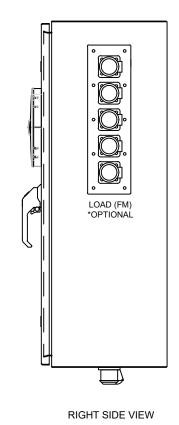
ATS/MTS 200A 3P

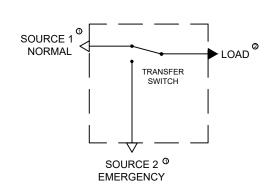
| | TRANSFER SWITCH |
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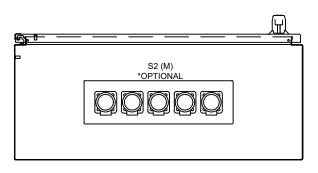
| ONE-LINE KEYNOTES | |
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1. Cams to Source: S16 Male 2. Cams to Load: S16 Female

LEGEND

| SYMBOL | DESCRIPTION |
|--------|--|
| /. | TRANSFER SWITCH |
| Δ | MALE CAMLOCK CONNECTION |
| • | FEMALE CAMLOCK CONNECTION |
| | HARDWIRED CABLE CONNECTION (FIELD-INSTALLED) |

| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 S2 | (1) #6 AWG - 300 MCM | |
| S2 | (1) #4 AWG - 300 MCM | |
| LOAD | (1) #4 AWG - 300 MCM | |
| NEUTRAL | (4) #4 AWG - 500 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |



| BOTTOM | VIEW |
|--------|------|

| ATS 200A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-02S4 | 200A | 120/208V | SWITCHED | 4P4W |
| PWA-ATS-02S6 | 200A | 277/480V | SWITCHED | 4P4W |
| PWA-ATS-02S8 | 200A | 347/600V | SWITCHED | 4P4W |

| MTS 200A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-02S4 | 200A | 120/208V | SWITCHED | 4P4W |
| PWA-MTS-02S6 | 200A | 277/480V | SWITCHED | 4P4W |
| PWA-MTS-02S8 | 200A | 347/600V | SWITCHED | 4P4W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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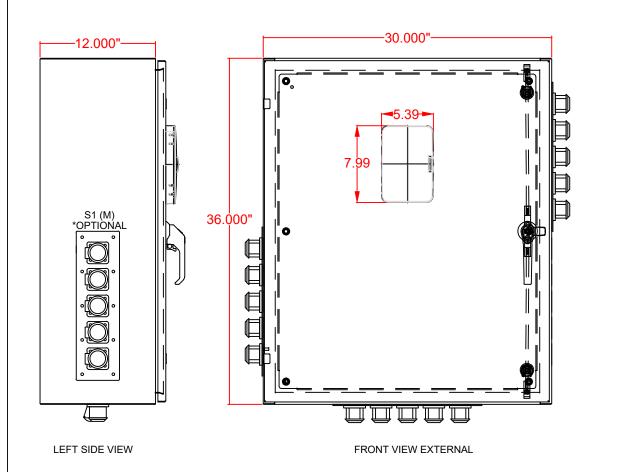
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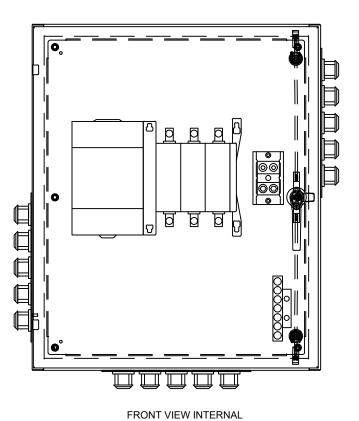
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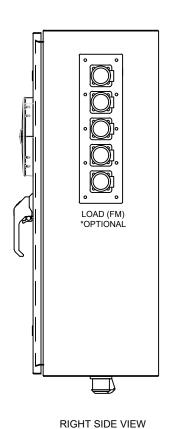
ATS/MTS 200A 4P

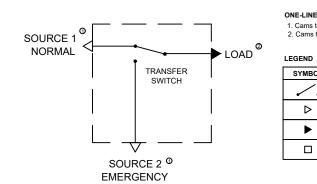
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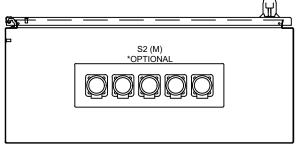


ONE-LINE KEYNOTES

1. Cams to Source: S16 Male 2. Cams to Load: S16 Female

SYMBOL DESCRIPTION MALE CAMLOCK CONNECTION \triangleright

| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 S2 | (1) #2 AWG - 600 MCM | |
| S2 | (1) #2 AWG - 600 MCM | |
| LOAD | (1) #2 AWG - 600 MCM | |
| NEUTRAL | (4) #4 AWG - 500 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |



| | NOTE: *_*DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY |
|-------------|---|
| BOTTOM VIEW | |

| | ATS 400A 3P | | | |
|--------------|-------------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-04X3 | 400A | 208V | NONE | 3P3W |
| PWA-ATS-04X5 | 400A | 480V | NONE | 3P3W |
| PWA-ATS-04X7 | 400A | 600V | NONE | 3P3W |
| PWA-ATS-04N4 | 400A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-04N6 | 400A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-04N8 | 400A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-04S1 | 400A | 120V | SWITCHED | 1P2W |
| PWA-ATS-04S2 | 400A | 120/240V | SWITCHED | 2P3W |

| | MTS 400A 3P | | | |
|--------------|-------------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-04X3 | 400A | 208V | NONE | 3P3W |
| PWA-MTS-04X5 | 400A | 480V | NONE | 3P3W |
| PWA-MTS-04X7 | 400A | 600V | NONE | 3P3W |
| PWA-MTS-04N4 | 400A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-MTS-04N6 | 400A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-MTS-04N8 | 400A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-MTS-04S1 | 400A | 120V | SWITCHED | 1P2W |
| PWA-MTS-04S2 | 400A | 120/240V | SWITCHED | 2P3W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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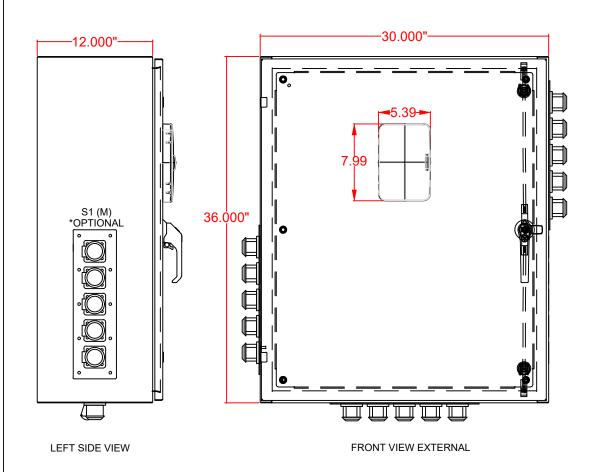
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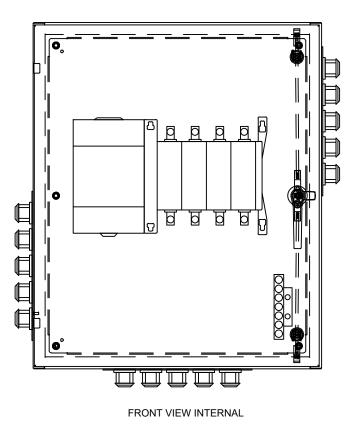
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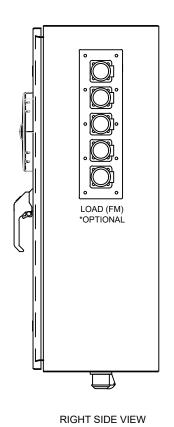
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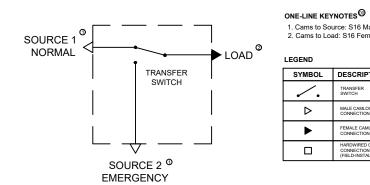
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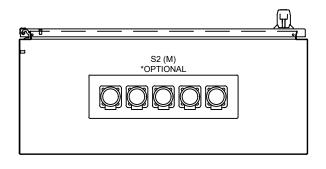


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| 2. | Cams | to Lo | oad: | S16 | Female |
| | | | | | |
| | | | | | |

LEGEND

| SYMBOL | DESCRIPTION | | | |
|-------------|--|--|--|--|
| /. | TRANSFER SWITCH | | | |
| D | MALE CAMLOCK CONNECTION | | | |
| > | FEMALE CAMLOCK CONNECTION | | | |
| | HARDWIRED CABLE CONNECTION (FIELD-INSTALLED) | | | |
| | | | | |

| CABLE/WIRE SIZE | | | | |
|----------------------|--|--|--|--|
| (1) #2 AWG - 600 MCM | | | | |
| (1) #2 AWG - 600 MCM | | | | |
| (1) #2 AWG - 600 MCM | | | | |
| (4) #4 AWG - 500 MCM | | | | |
| (7) #6 AWG - 350 MCM | | | | |
| | | | | |



BOTTOM VIEW

| ATS 400A 4P | | | | | |
|--------------|----------|----------|----------|--------------|--|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES | |
| PWA-ATS-04S4 | 400A | 120/208V | SWITCHED | 4P4W | |
| PWA-ATS-04S6 | 400A | 277/480V | SWITCHED | 4P4W | |
| PWA-ATS-04S8 | 400A | 347/600V | SWITCHED | 4P4W | |

| MTS 400A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-04S4 | 400A | 120/208V | SWITCHED | 4P4W |
| PWA-MTS-04S6 | 400A | 277/480V | SWITCHED | 4P4W |
| PWA-MTS-04S8 | 400A | 347/600V | SWITCHED | 4P4W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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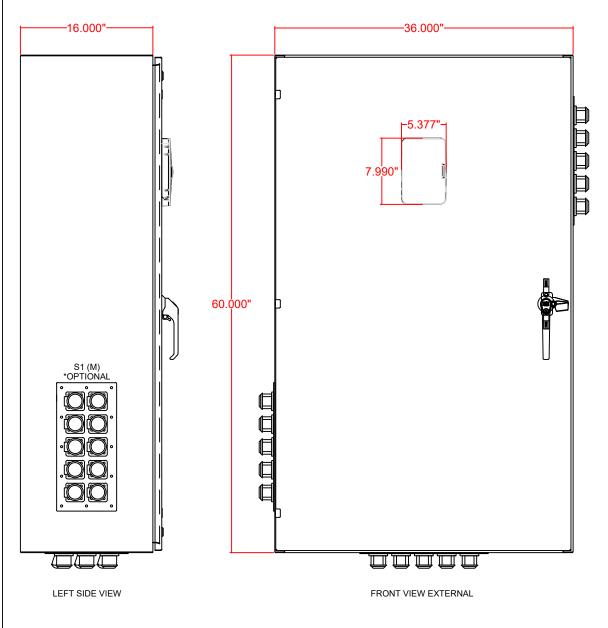
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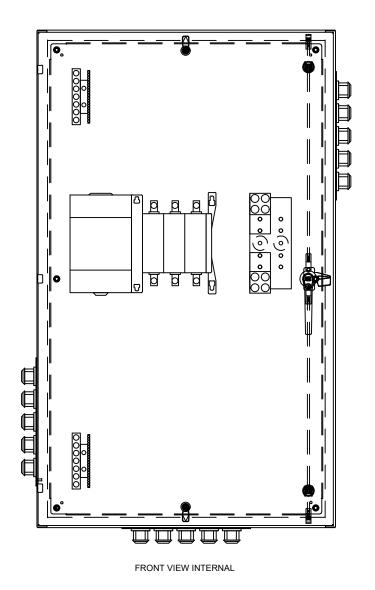
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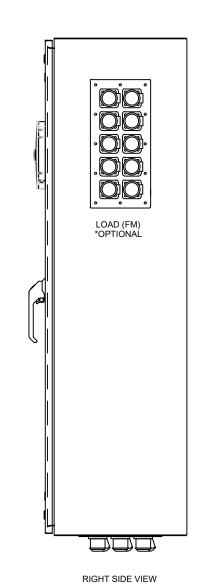
TRANSFER SWITCH

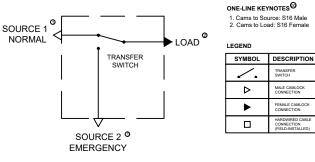
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REV A Revision/Version No. VD, AS Drawing By 10/21/2022 1 of 1 Sheet No.









| CABLE/WIRE SIZE | | | | |
|-----------------|----------------------|--|--|--|
| S1 S2 | (2) #2 AWG - 600 MCM | | | |
| S2 | (2) #2 AWG - 600 MCM | | | |
| LOAD | (2) #2 AWG - 600 MCM | | | |
| NEUTRAL | (8) #2 AWG - 600 MCM | | | |
| GROUND | (7) #6 AWG - 350 MCM | | | |

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| | S2 (M) *OPTIONAL OQQQ | |

BOTTOM VIEW

| ATS 600A 3P | | | | |
|--------------|----------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-06X3 | 600A | 208V | NONE | 3P3W |
| PWA-ATS-06X5 | 600A | 480V | NONE | 3P3W |
| PWA-ATS-06X7 | 600A | 600V | NONE | 3P3W |
| PWA-ATS-06N4 | 600A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-06N6 | 600A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-06N8 | 600A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-06S1 | 600A | 120V | SWITCHED | 1P2W |
| PWA-ATS-06S2 | 600A | 120/240V | SWITCHED | 2P3W |

| | MTS 600A 3P | | | | | |
|----------------|-------------|----------|--------------|--------------|--|--|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES | | |
| PWA-MTS-06X3 | 600A | 208V | NONE | 3P3W | | |
| PWA-MTS-06X5 | 600A | 480V | NONE | 3P3W | | |
| PWA-MTS-06X7 | 600A | 600V | NONE | 3P3W | | |
| PWA-MTS-06N4 | 600A | 120/208V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-06N6 | 600A | 277/480V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-06N8 | 600A | 347/600V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-06S1 | 600A | 120V | SWITCHED | 1P2W | | |
| PWA-MTS-06S -2 | 600A | 120/240V | SWITCHED | 2P3W | | |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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INNOVATIVE POWER SOLUTIONS

POWER ASSEMBLIES **ENGINEERING**

915 E Dale Ave, #100 Henderson, NV 89044 (877)597-5785

1650 NW 18th St, Ste 807A Pompano Beach, FL 33069 (866)825-8525

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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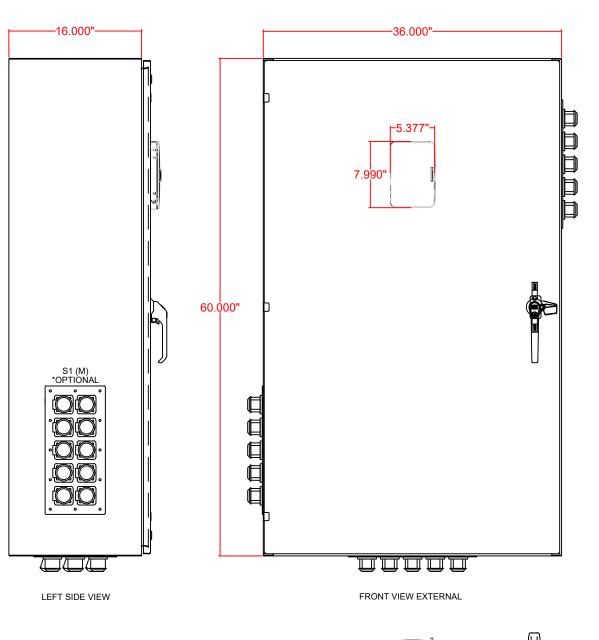
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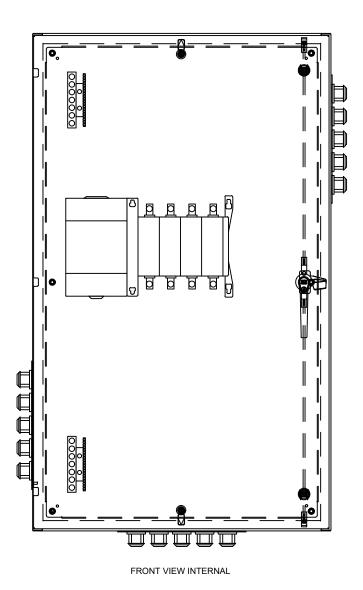
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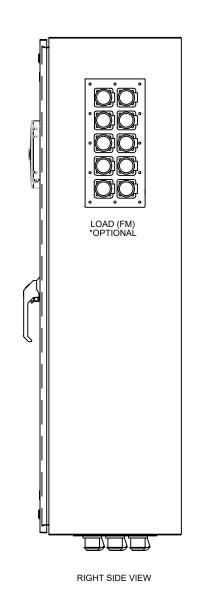
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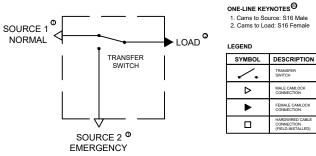
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| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 | (2) #2 AWG - 600 MCM | |
| S2 | (2) #2 AWG - 600 MCM | |
| LOAD | (2) #2 AWG - 600 MCM | |
| NEUTRAL | (8) #2 AWG - 600 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |

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| | S2 (M) *OPTIONAL OOOO | |

BOTTOM VIEW

| ATS 600A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-06S4 | 600A | 120/208V | SWITCHED | 4P4W |
| PWA-ATS-06S6 | 600A | 277/480V | SWITCHED | 4P4W |
| PWA-ATS-06S8 | 600A | 347/600V | SWITCHED | 4P4W |

| MTS 600A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-06S4 | 600A | 120/208V | SWITCHED | 4P4W |
| PWA-MTS-06S6 | 600A | 277/480V | SWITCHED | 4P4W |
| PWA-MTS-06S8 | 600A | 347/600V | SWITCHED | 4P4W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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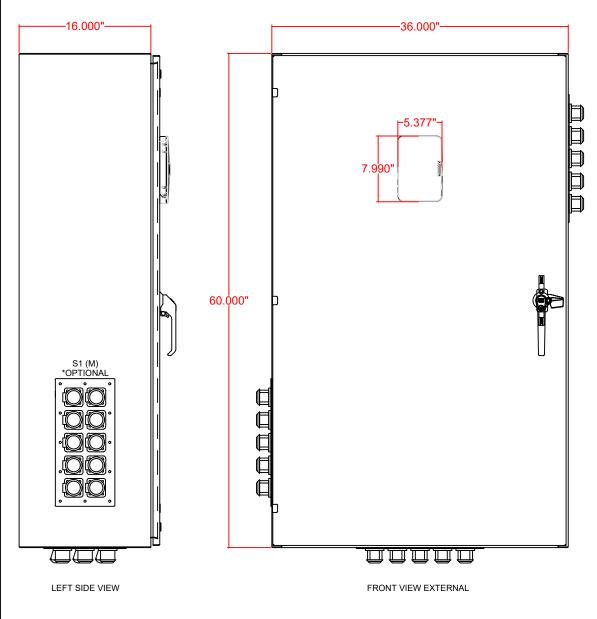
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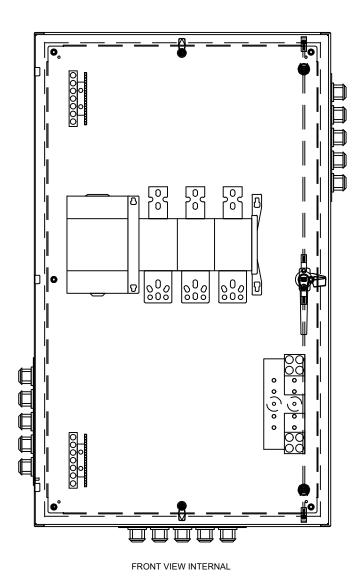
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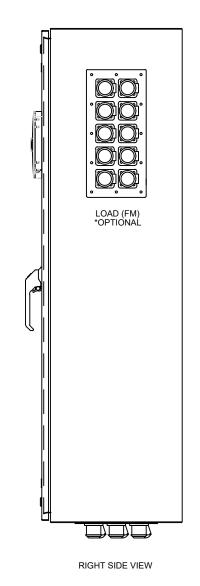
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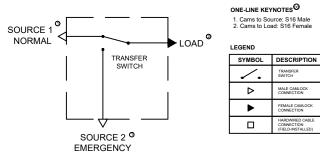
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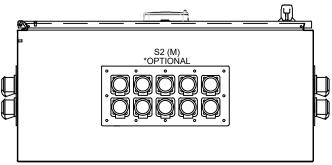








| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 | (2) #2 AWG - 600 MCM | |
| S2 | (2) #2 AWG - 600 MCM | |
| LOAD | (2) #2 AWG - 600 MCM | |
| NEUTRAL | (8) #2 AWG - 600 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |



BOTTOM VIEW

| ATS 800A 3P | | | | |
|--------------|----------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-08X3 | 800A | 208V | NONE | 3P3W |
| PWA-ATS-08X5 | 800A | 480V | NONE | 3P3W |
| PWA-ATS-08X7 | 800A | 600V | NONE | 3P3W |
| PWA-ATS-08N4 | 800A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-08N6 | 800A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-08N8 | 800A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-08S1 | 800A | 120V | SWITCHED | 1P2W |
| PWA-ATS-08S2 | 800A | 120/240V | SWITCHED | 2P3W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

| MTS 800A 3P | | | | |
|--------------|----------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-08X3 | 800A | 208V | NONE | 3P3W |
| PWA-MTS-08X5 | 800A | 480V | NONE | 3P3W |
| PWA-MTS-08X7 | 800A | 600V | NONE | 3P3W |
| PWA-MTS-08N4 | 800A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-MTS-08N6 | 800A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-MTS-08N8 | 800A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-MTS-08S1 | 800A | 120V | SWITCHED | 1P2W |
| PWA-MTS-08S2 | 800A | 120/240V | SWITCHED | 2P3W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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INNOVATIVE POWER SOLUTIONS

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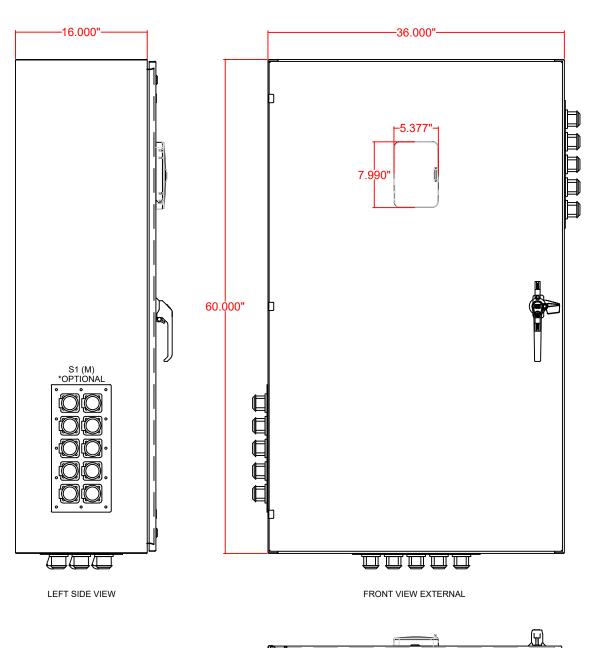
ATS/MTS 800A 3P

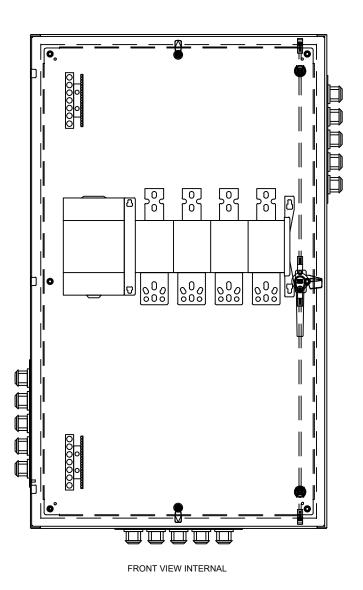
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| l | TRANSFER SWITCH | Drawing By |
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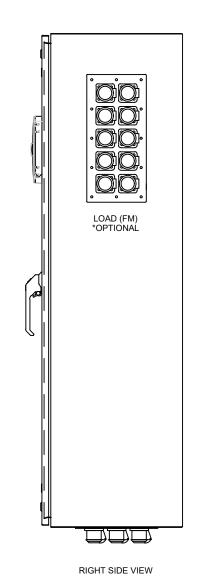
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SOURCE 1

ONE-LINE KEYNOTES

1. Cams to Source: \$16 Male
2. Cams to Load: \$16 Female

NORMAL

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SWITCH

SYMBOL

SYMBOL

DESCRIPTION

TRANSFER
SWITCH

SYMBOL

DESCRIPTION

TRANSFER
SWITCH

D

MALE CAMACOC
COMMECTION

COMMECTION

PRICE 2

EMERGENCY

| CABLE/WIRE SIZE | | |
|-----------------|----------------------|--|
| S1 S2 | (2) #2 AWG - 600 MCM | |
| S2 | (2) #2 AWG - 600 MCM | |
| LOAD | (2) #2 AWG - 600 MCM | |
| NEUTRAL | (8) #2 AWG - 600 MCM | |
| GROUND | (7) #6 AWG - 350 MCM | |

| | | ATS 800A | 4P | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-08S4 | 800A | 120/208V | SWITCHED | 4P4W |
| PWA-ATS-08S6 | 800A | 277/480V | SWITCHED | 4P4W |
| PWA-ATS-08S8 | 800A | 347/600V | SWITCHED | 4P4W |

| | | MTS 800A | 4P | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-08S4 | 800A | 120/208V | SWITCHED | 4P4W |
| PWA-MTS-08S6 | 800A | 277/480V | SWITCHED | 4P4W |
| PWA-MTS-08S8 | 800A | 347/600V | SWITCHED | 4P4W |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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| | S2 (M) *OPTIONAL OPENIONAL | |

BOTTOM VIEW

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sales@powerassemblies.com WWW.POWERASSEMBLIES.COM DRAWING TITLE:

ATS/MTS 800A 4P

BUILD NAME:

TRANSFER SWITCH

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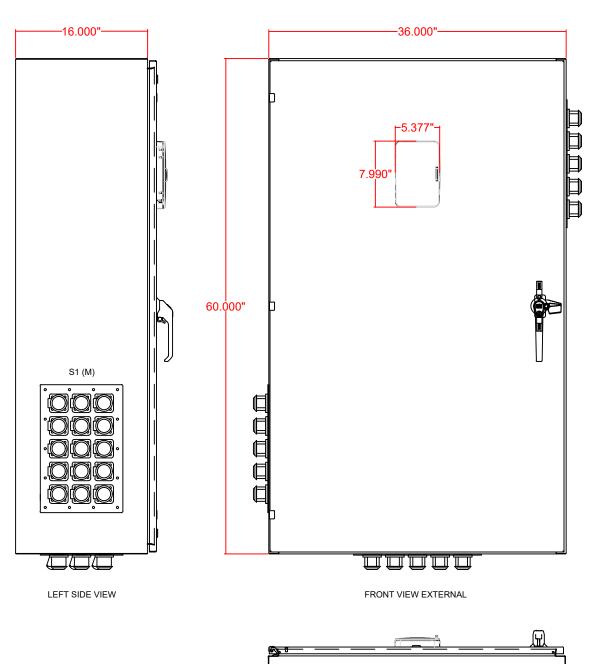
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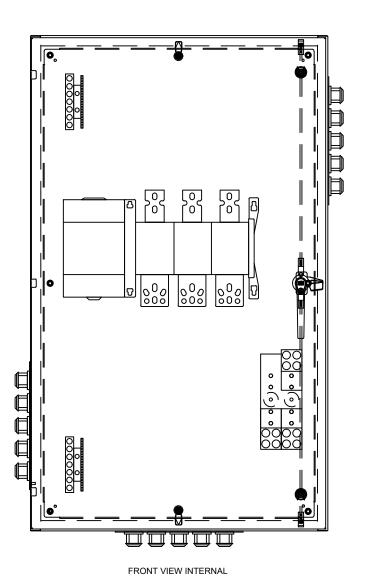
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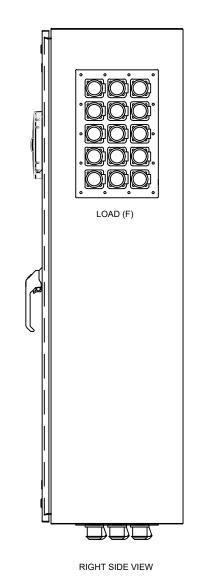
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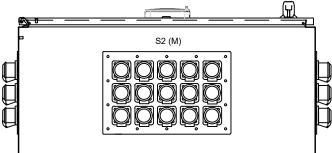




 Cams to Source: S16 Male
 Cams to Load: S16 Female SOURCE 1 NORMAL TRANSFER SWITCH SYMBOL DESCRIPTION ⊳ MALE CAMLOCK CONNECTION FEMALE CAMLOCK CONNECTION SOURCE 2 [©] EMERGENCY

ONE-LINE KEYNOTES[®]

| | CABLE/WIRE SIZE |
|---------|-----------------------|
| S1 | (4) #2 AWG - 600 MCM |
| S2 | (4) #2 AWG - 600 MCM |
| LOAD | (4) #2 AWG - 600 MCM |
| NEUTRAL | (12) #2 AWG - 600 MCM |
| GROUND | (14) #6 AWG - 350 MCM |



| F | ROT | TOM | \/I | F۷ |
|---|-----|-----|-----|----|

| | | ATS 1000A | 3P | |
|--------------|----------|-----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-10X3 | 1000A | 208V | NONE | 3P3W |
| PWA-ATS-10X5 | 1000A | 480V | NONE | 3P3W |
| PWA-ATS-10X7 | 1000A | 600V | NONE | 3P3W |
| PWA-ATS-10N4 | 1000A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-10N6 | 1000A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-10N8 | 1000A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-10S1 | 1000A | 120V | SWITCHED | 1P2W |
| PWA-ATS-10S2 | 1000A | 120/240V | SWITCHED | 2P3W |

NOTE: " " DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

| | | MTS 1000A | 3P | |
|--------------|----------|-----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-MTS-10X3 | 1000A | 208V | NONE | 3P3W |
| PWA-MTS-10X5 | 1000A | 480V | NONE | 3P3W |
| PWA-MTS-10X7 | 1000A | 600V | NONE | 3P3W |
| PWA-MTS-10N4 | 1000A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-MTS-10N6 | 1000A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-MTS-10N8 | 1000A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-MTS-10S1 | 1000A | 120V | SWITCHED | 1P2W |
| PWA-MTS-10S2 | 1000A | 120/240V | SWITCHED | 2P3W |

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| INNOVATIVE POWER SOLUTIONS |

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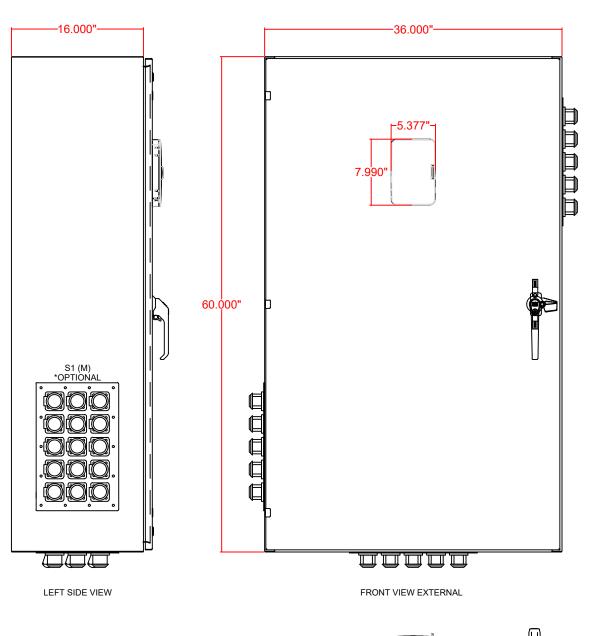
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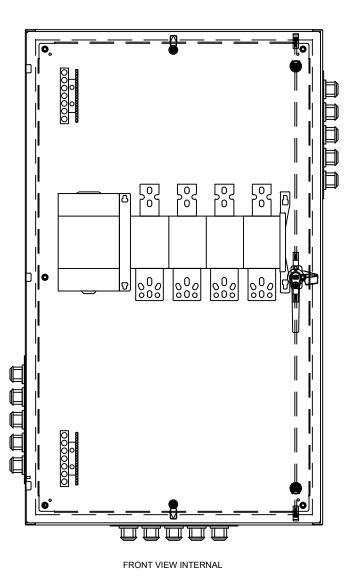
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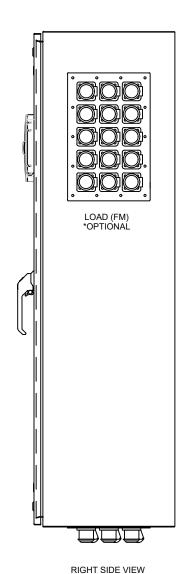
ATS/MTS 1000A 3P

| TRANSFER SWITCH |
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ONE-LINE KEYNOTES Cams to Source: S16 Male
 Cams to Load: S16 Female SOURCE 1 0 NORMAL LEGEND TRANSFER SYMBOL DESCRIPTION SWITCH \triangleright SOURCE 2 [©] **EMERGENCY**

| CABLE/WIRE SIZE | | | |
|-----------------|-----------------------|--|--|
| S1 S2 | (4) #2 AWG - 600 MCM | | |
| S2 | (4) #2 AWG - 600 MCM | | |
| LOAD | (4) #2 AWG - 600 MCM | | |
| NEUTRAL | (12) #2 AWG - 600 MCM | | |
| GROUND | (14) #6 AWG - 350 MCM | | |

| <u> </u> | | |
|----------|------------------------|--|
| | S2 (M) *OPTIONAL OOOO | |

BOTTOM VIEW

| ATS 1000A 4P | | | | |
|--------------|----------|----------|----------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-10S4 | 1000A | 120/208V | SWITCHED | 4P4W |
| PWA-ATS-10S6 | 1000A | 277/480V | SWITCHED | 4P4W |
| PWA-ATS-10S8 | 1000A | 347/600V | SWITCHED | 4P4W |

| | MTS 1000A 4P | | | | |
|--------------|--------------|----------|----------|--------------|--|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES | |
| PWA-MTS-10S4 | 1000A | 120/208V | SWITCHED | 4P4W | |
| PWA-MTS-10S6 | 1000A | 277/480V | SWITCHED | 4P4W | |
| PWA-MTS-10S8 | 1000A | 347/600V | SWITCHED | 4P4W | |

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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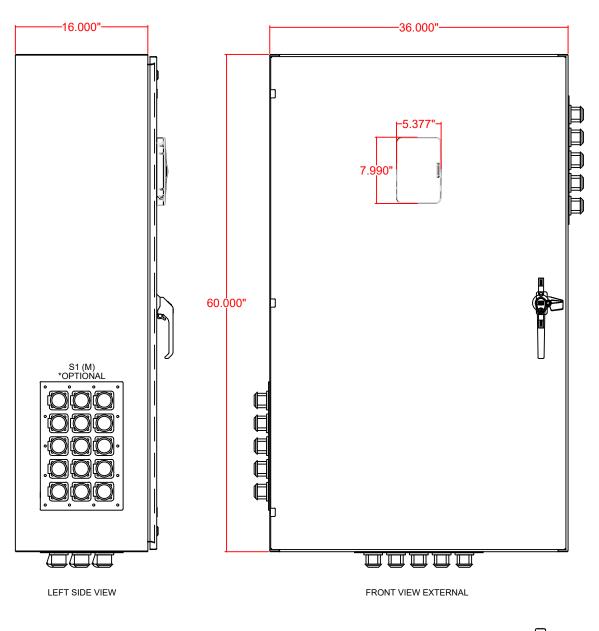
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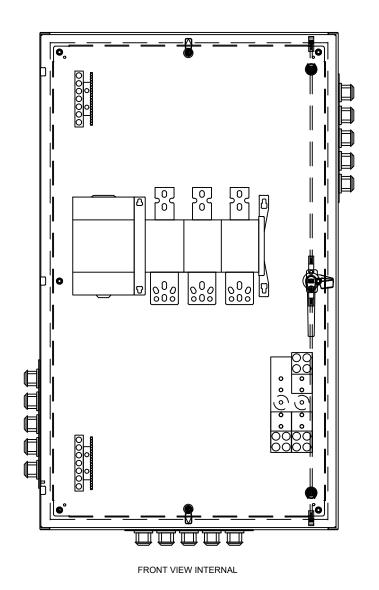
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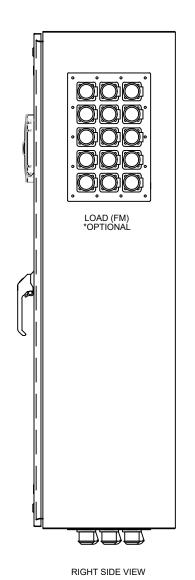
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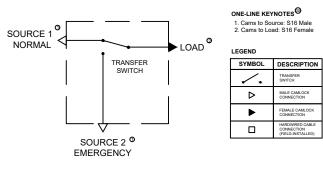
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| CABLE/WIRE SIZE | | | | |
|-----------------|-----------------------|--|--|--|
| S1 | (4) #2 AWG - 600 MCM | | | |
| 62 | (4) #2 AWG - 600 MCM | | | |
| .OAD | (4) #2 AWG - 600 MCM | | | |
| NEUTRAL | (12) #2 AWG - 600 MCM | | | |
| GROUND | (14) #6 AWG - 350 MCM | | | |

MALE CAMLOCK CONNECTION

 \blacktriangleright

S2 (M) *OPTIONAL

| BOTTOM | VIFW |
|--------|-----------|
| DOTTON | V I L V V |

| ATS 1200A 3P | | | | |
|--------------|----------|----------|--------------|--------------|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES |
| PWA-ATS-12X3 | 1200A | 208V | NONE | 3P3W |
| PWA-ATS-12X5 | 1200A | 480V | NONE | 3P3W |
| PWA-ATS-12X7 | 1200A | 600V | NONE | 3P3W |
| PWA-ATS-12N4 | 1200A | 120/208V | NON-SWITCHED | 3P4W |
| PWA-ATS-12N6 | 1200A | 277/480V | NON-SWITCHED | 3P4W |
| PWA-ATS-12N8 | 1200A | 347/600V | NON-SWITCHED | 3P4W |
| PWA-ATS-12S1 | 1200A | 120V | SWITCHED | 1P2W |
| PWA-ATS-12S2 | 1200A | 120/240V | SWITCHED | 2P3W |

| | MTS 1200A 3P | | | | | |
|----------------|--------------|----------|--------------|--------------|--|--|
| PART NUMBER | AMPERAGE | VOLTAGE | NEUTRAL | POLES, WIRES | | |
| PWA-MTS-12X3 | 1200A | 208V | NONE | 3P3W | | |
| PWA-MTS-12X5 | 1200A | 480V | NONE | 3P3W | | |
| PWA-MTS-12X7 | 1200A | 600V | NONE | 3P3W | | |
| PWA-MTS-12N4 | 1200A | 120/208V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-12N6 | 1200A | 277/480V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-12N8 | 1200A | 347/600V | NON-SWITCHED | 3P4W | | |
| PWA-MTS-12S1 | 1200A | 120V | SWITCHED | 1P2W | | |
| PWA-MTS-12S -2 | 1200A | 120/240V | SWITCHED | 2P3W | | |

NOTE: *_* DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

| REVIS | ION RECOR | PROFESSIONAL SEAL: | | |
|-------|-----------|--------------------|-----|--|
| | | | | |
| | | | | |
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| No. | Date | Description | ln. | |

| POWER | | | |
|-----------|---------|-------------|--|
| ASS | EME | BLIES | |
| INNOVATIV | /E POWE | R SOLUTIONS | |

POWER ASSEMBLIES **ENGINEERING**

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1650 NW 18th St, Ste 807A Pompano Beach, FL 33069 (866)825-8525

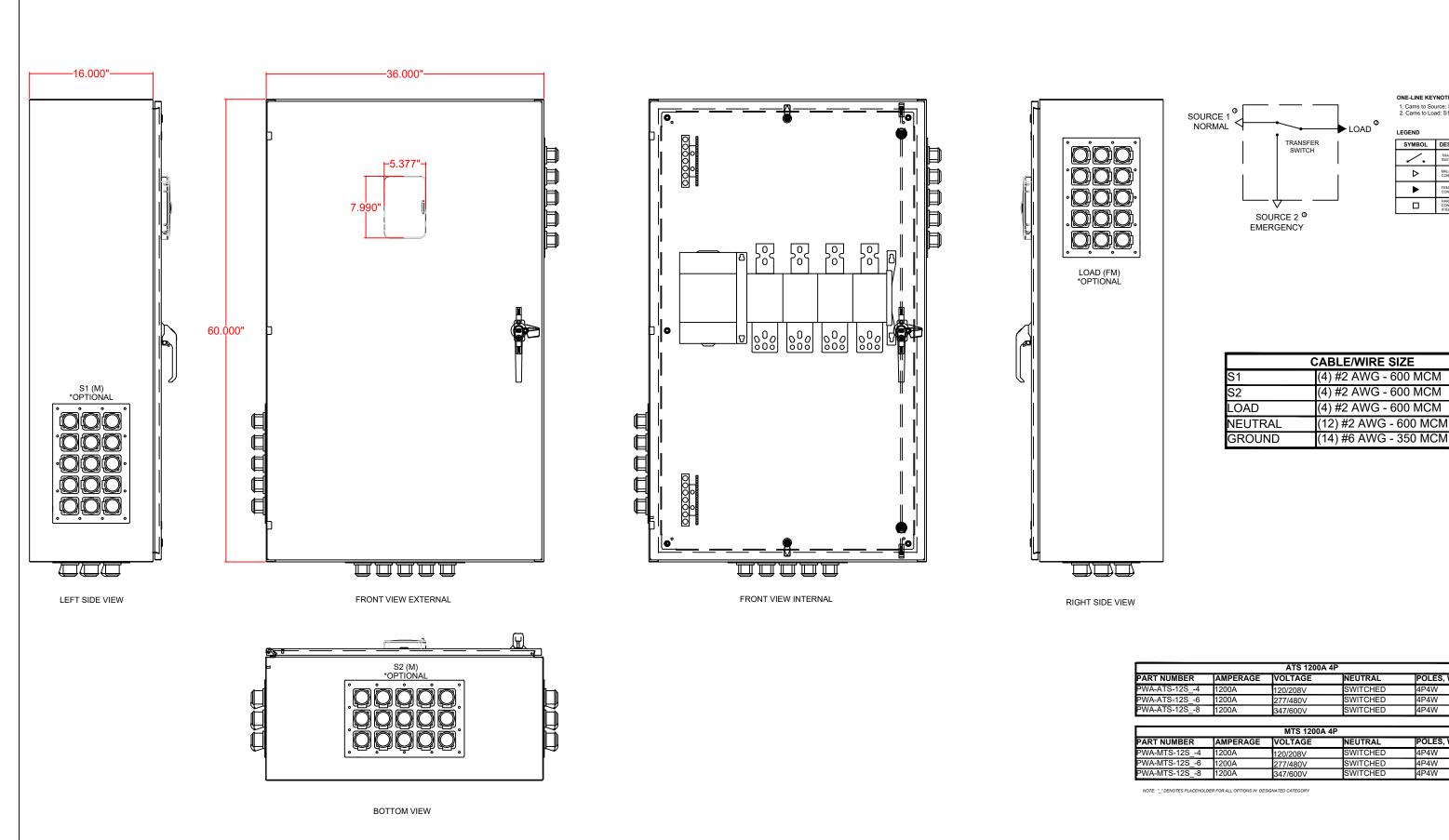
sales@powerassemblies.com WWW.POWERASSEMBLIES.COM

| DRAWING | TITI | F. |
|---------|------|----|

ATS/MTS 1200A 3P

| TRANSFER SWITCH |
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No. Date

Description

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ASSEMBLIES

INNOVATIVE POWER SOLUTIONS

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NEUTRAL

SWITCHED

SWITCHED

WITCHED

SWITCHED

SWITCHED

POLES, WIRES

POLES, WIRES

Sheet No.

4P4W

4P4W

4P4W

4P4W

ONE-LINE KEYNOTES[®] Cams to Source: S16 Male
 Cams to Load: S16 Female

SYMBOL DESCRIPTION

TRANSFER SWITCH MALE CAMLOCK CONNECTION

LEGEND

TRANSFER SWITCH

ATS/MTS 1200A 4P

DRAWING TITLE:

BUILD NAME:

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