# BREAKERS FOR PANELS SP AND SP2
# SUPPLIED BY OTHERS

*PANEL WH (WEARHOUSE WALL) SECTION 1 277/480 3PH 4W 800 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)*

| CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA | CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DTT FOR PANEL HP | 300 | 3 | 269 | 0.70 | 189 | 2 | WEARHOUSE LIGHTING CIRCUIT | 20 | 1 | 15 | 0.70 | 11 |
| 3 | | | | 269 | 0.70 | 189 | 4 | WEARHOUSE LIGHTING CIRCUIT | 20 | 1 | 15 | 0.70 | 11 |
| 5 | | | | 269 | 0.70 | 189 | 6 | WEARHOUSE & BAR LIGHTING CIRCUIT | 20 | 1 | 15 | 0.70 | 11 |
| 7 | PANEL SP | 400 | 3 | 0 | | 0 | 8 | CUH-1 (WEARHOUSE) | 25 | 3 | 21 | 0.70 | 15 |
| 9 | | | | 0 | 0.00 | 0 | 10 | | | | 21 | 0.70 | 15 |
| 11 | | | | 0 | 0.00 | 0 | 12 | | | | 21 | 0.70 | 15 |
| 13 | SPARE | 20 | 1 | | | 0 | 14 | SPARE | 20 | 1 | | | 0 |
| 15 | SPARE | 20 | 1 | | | 0 | 16 | SPARE | 20 | 1 | | | 0 |
| 17 | SPARE | 20 | 1 | | | 0 | 18 | SPARE | 20 | 1 | | | 0 |
| 19 | SPARE | 20 | 1 | | | 0 | 20 | SPARE | 20 | 1 | | | 0 |
| 21 | SPARE | 20 | 1 | | | 0 | 22 | SPARE | 20 | 1 | | | 0 |
| 23 | SPARE | 20 | 1 | | | 0 | 24 | SPARE | 20 | 1 | | | 0 |
| 25 | SPARE | 20 | 1 | | | 0 | 26 | SPARE | 20 | 1 | | | 0 |
| 27 | SPARE | 20 | 1 | | | 0 | 28 | SPARE | 20 | 1 | | | 0 |
| 29 | SPARE | 20 | 1 | | | 0 | 30 | SPARE | 20 | 1 | | | 0 |
| 31 | SPARE | 20 | 1 | | | 0 | 32 | SPARE | 20 | 1 | | | 0 |
| 33 | SPARE | 20 | 1 | | | 0 | 34 | SPARE | 20 | 1 | | | 0 |
| 35 | SPARE | 20 | 1 | | | 0 | 36 | SPARE | 20 | 1 | | | 0 |
| 37 | SPARE | 20 | 1 | | | 0 | 38 | SPARE | 20 | 1 | | | 0 |
| 39 | SPARE | 20 | 1 | | | 0 | 40 | SPARE | 20 | 1 | | | 0 |
| 41 | SPARE | 20 | 1 | | | 0 | 42 | SPARE | 20 | 1 | | | 0 |

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor ( 1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker
PANEL KP (KITCHEN HALL) SECTION 2 120/208 3PH 4

**Section 1**
**Tot Amps/PH - Connected Load** **305.23**
**Demand Factor** **70.28%**
**Total Amps/PH - Demand** **214.53**
**Connected KVA** **253.47**
**Demand KVA** **178.14**
**Min. Panel Size (Demand x 1.25) - Amps** **268.16**
**NOTES:**
**1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12**
**2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52**

*PANEL HP (WAREHOUSE WALL) SECTION 1 120/208 3PH 4W 600 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)*

| CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA | CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | WEARHOUSE RECEPTS | 20 | 1 | 14 | 0.50 | 7 | 2 | WEARHOUSE RECEPTS | 20 | 1 | 12 | 0.50 | 6 |
| 3 | WEARHOUSE FAN | 20 | 1 | 10 | 0.70 | 7 | 4 | WEARHOUSE FAN | 20 | 1 | 10 | 0.70 | 7 |
| 5 | WEARHOUSE FAN | 20 | 1 | 10 | 0.70 | 7 | 6 | WEARHOUSE FAN | 20 | 1 | 10 | 0.70 | 7 |
| 7 | WEARHOUSE FAN | 20 | 1 | 10 | 0.70 | 7 | 8 | ROOF EQUIPMENT RECEPTS | 20 | 1 | 15 | 0.50 | 8 |
| 9 | HVAC-4 | 30 | 3 | 23 | 0.70 | 16 | 10 | ERV-2 | 100 | 3 | 99 | 0.70 | 69 |
| 11 | | | | 23 | 0.70 | 16 | 12 | | | | 99 | 0.70 | 69 |
| 13 | | | | 23 | 0.70 | 16 | 14 | | | | 99 | 0.70 | 69 |
| 15 | GFUH-1 (2) | 20 | 1 | 13 | 0.70 | 9 | 16 | GFUH-1 (2) | 20 | 1 | 13 | 0.70 | 9 |
| 17 | GFUH-1 (2) | 20 | 1 | 13 | 0.70 | 9 | 18 | EXTERIOR BUILDING LIGHTS | 20 | 1 | 15 | 0.70 | 11 |
| 19 | ERV-3 | 100 | 3 | 99 | 0.70 | 69 | 20 | ERV-4 | 100 | 3 | 99 | 0.70 | 69 |
| 21 | | | | 99 | 0.70 | 69 | 22 | | | | 99 | 0.70 | 69 |
| 23 | | | | 99 | 0.70 | 69 | 24 | | | | 99 | 0.70 | 69 |
| 25 | WEARHOUSE RECEPTS | 20 | 1 | 15 | 0.50 | 8 | 26 | ERV-5 | 100 | 3 | 99 | 0.70 | 69 |
| 27 | WEARHOUSE RECEPTS | 20 | 1 | 15 | 0.50 | 8 | 28 | | | | 99 | 0.70 | 69 |
| 29 | SPARE | 20 | 1 | | | 0 | 30 | | | | 99 | 0.70 | 69 |
| 31 | SPARE | 20 | 1 | | | 0 | 32 | SPARE | 20 | 1 | | | 0 |
| 33 | SPARE | 20 | 1 | | | 0 | 34 | SPARE | 20 | 1 | | | 0 |
| 35 | SPARE | 20 | 1 | | | 0 | 36 | SPARE | 20 | 1 | | | 0 |
| 37 | PANEL PP FEEDER | 225 | 3 | 143 | 0.75 | 107 | 38 | SPARE | 20 | 1 | | | 0 |
| 39 | | | | 143 | 0.75 | 107 | 40 | SPARE | 20 | 1 | | | 0 |
| 41 | | | | 143 | 0.75 | 107 | 42 | SPARE | 20 | 1 | | | 0 |

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor ( 1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker

**Section 1**
**Tot Amps/PH - Connected Load** **619.70**
**Demand Factor** **70.32%**
**Total Amps/PH - Demand** **435.77**
**Connected KVA** **222.99**
**Demand KVA** **156.81**
**Min. Panel Size (Demand x 1.25) - Amps** **544.71**
**NOTES:**
**1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12**
**2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52**

*PANEL WH (WEARHOUSE WALL) SECTION 1 277/480 3PH 4W 400 AMP BUS - MCB 42K AIC NEMA TYPE 1 (SURFACE)*

| CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA | CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DTT FOR PANEL SP2 | 100 | 3 | 0 | | 0 | 2 | SPACE | | | | | 0 |
| 3 | | | | 0 | 0.00 | 0 | 4 | SPACE | | | | | 0 |
| 5 | | | | 0 | 0.00 | 0 | 6 | SPACE | | | | | 0 |
| 7 | SPACE | 20 | 1 | | | 0 | 8 | SPACE | | | | | 0 |
| 9 | SPACE | 20 | 1 | | | 0 | 10 | SPACE | | | | | 0 |
| 11 | SPACE | 20 | 1 | | | 0 | 12 | SPACE | | | | | 0 |
| 13 | SPACE | 20 | 1 | | | 0 | 14 | SPACE | | | | | 0 |
| 15 | SPACE | 20 | 1 | | | 0 | 16 | SPACE | | | | | 0 |
| 17 | SPACE | 20 | 1 | | | 0 | 18 | SPACE | | | | | 0 |
| 19 | SPACE | 20 | 1 | | | 0 | 20 | SPACE | | | | | 0 |
| 21 | SPACE | 20 | 1 | | | 0 | 22 | SPACE | | | | | 0 |
| 23 | SPACE | 20 | 1 | | | 0 | 24 | SPACE | | | | | 0 |
| 25 | SPACE | 20 | 1 | | | 0 | 26 | SPACE | | | | | 0 |
| 27 | SPACE | 20 | 1 | | | 0 | 28 | SPACE | | | | | 0 |
| 29 | SPACE | 20 | 1 | | | 0 | 30 | SPACE | | | | | 0 |
| 31 | SPACE | 20 | 1 | | | 0 | 32 | SPACE | | | | | 0 |
| 33 | SPACE | 20 | 1 | | | 0 | 34 | SPACE | | | | | 0 |
| 35 | SPACE | 20 | 1 | | | 0 | 36 | SPACE | | | | | 0 |
| 37 | SPACE | 20 | 1 | | | 0 | 38 | SPACE | | | | | 0 |
| 39 | SPACE | 20 | 1 | | | 0 | 40 | SPACE | | | | | 0 |
| 41 | SPACE | 20 | 1 | | | 0 | 42 | SPACE | | | | | 0 |

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor ( 1 - .1)
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MLO - Main Lug Only
MCB - Main Circuit Breaker
PANEL KP (KITCHEN HALL) SECTION 2 120/208 3PH 4

**Section 1**
**Tot Amps/PH - Connected Load** **0.00**
**Demand Factor** **#DIV/0!**
**Total Amps/PH - Demand** **0.00**
**Connected KVA** **0.00**
**Demand KVA** **0.00**
**Min. Panel Size (Demand x 1.25) - Amps** **0.00**
**NOTES:**
**1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12**
**2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52**

*PANEL SP2 (WAREHOUSE HALL) SECTION 1 120/208 3PH 4W 225 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)*

| CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA | CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPACE | | | | | 0 | 2 | SPACE | | | | | 0 |
| 3 | SPACE | | | | | 0 | 4 | SPACE | | | | | 0 |
| 5 | SPACE | | | | | 0 | 6 | SPACE | | | | | 0 |
| 7 | SPACE | | | | | 0 | 8 | SPACE | | | | | 0 |
| 9 | SPACE | | | | | 0 | 10 | SPACE | | | | | 0 |
| 11 | SPACE | | | | | 0 | 12 | SPACE | | | | | 0 |
| 13 | SPACE | | | | | 0 | 14 | SPACE | | | | | 0 |
| 15 | SPACE | | | | | 0 | 16 | SPACE | | | | | 0 |
| 17 | SPACE | | | | | 0 | 18 | SPACE | | | | | 0 |
| 19 | SPACE | | | | | 0 | 20 | SPACE | | | | | 0 |
| 21 | SPACE | | | | | 0 | 22 | SPACE | | | | | 0 |
| 23 | SPACE | | | | | 0 | 24 | SPACE | | | | | 0 |
| 25 | SPACE | | | | | 0 | 26 | SPACE | | | | | 0 |
| 27 | SPACE | | | | | 0 | 28 | SPACE | | | | | 0 |
| 29 | SPACE | | | | | 0 | 30 | SPACE | | | | | 0 |
| 31 | SPACE | | | | | 0 | 32 | SPACE | | | | | 0 |
| 33 | SPACE | | | | | 0 | 34 | SPACE | | | | | 0 |
| 35 | SPACE | | | | | 0 | 36 | SPACE | | | | | 0 |
| 37 | SPACE | | | | | 0 | 38 | SPACE | | | | | 0 |
| 39 | SPACE | | | | | 0 | 40 | SPACE | | | | | 0 |
| 41 | SPACE | | | | | 0 | 42 | SPACE | | | | | 0 |

**PROVIDE WITH FEED THRU LUGS FOR SECTION 2**

**Section 1**
**Tot Amps/PH - Connected Load** **0.00**
**Demand Factor** **#DIV/0!**
**Total Amps/PH - Demand** **0.00**
**Connected KVA** **0.00**
**Demand KVA** **0.00**
**Min. Panel Size (Demand x 1.25) - Amps** **0.00**

*PANEL SP2 (WAREHOUSE HALL) SECTION 2 120/208 3PH 4W 225 AMP BUS - MLO 42K AIC NEMA TYPE 1 (SURFACE)*

| CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA | CKT # | LOAD DESCRIPTION | AT | P | CA | DF | DA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | SPACE | | | | | 0 | 44 | SPACE | | | | | 0 |
| 45 | SPACE | | | | | 0 | 46 | SPACE | | | | | 0 |
| 47 | SPACE | | | | | 0 | 48 | SPACE | | | | | 0 |
| 49 | SPACE | | | | | 0 | 50 | SPACE | | | | | 0 |
| 51 | SPACE | | | | | 0 | 52 | SPACE | | | | | 0 |
| 53 | SPACE | | | | | 0 | 54 | SPACE | | | | | 0 |
| 55 | SPACE | | | | | 0 | 56 | SPACE | | | | | 0 |
| 57 | SPACE | | | | | 0 | 58 | SPACE | | | | | 0 |
| 59 | SPACE | | | | | 0 | 60 | SPACE | | | | | 0 |
| 61 | SPACE | | | | | 0 | 62 | SPACE | | | | | 0 |
| 63 | SPACE | | | | | 0 | 64 | SPACE | | | | | 0 |
| 65 | SPACE | | | | | 0 | 66 | SPACE | | | | | 0 |
| 67 | SPACE | | | | | 0 | 68 | SPACE | | | | | 0 |
| 69 | SPACE | | | | | 0 | 70 | SPACE | | | | | 0 |
| 71 | SPACE | | | | | 0 | 72 | SPACE | | | | | 0 |
| 73 | SPACE | | | | | 0 | 74 | SPACE | | | | | 0 |
| 75 | SPACE | | | | | 0 | 76 | SPACE | | | | | 0 |
| 77 | SPACE | | | | | 0 | 78 | SPACE | | | | | 0 |
| 79 | SPACE | | | | | 0 | 80 | SPACE | | | | | 0 |
| 81 | SPACE | | | | | 0 | 82 | SPACE | | | | | 0 |
| 83 | SPACE | | | | | 0 | 84 | SPACE | | | | | 0 |

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor ( 1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker

**Section 2**
**Tot Amps/PH - Connected Load** **0.00**
**Demand Factor** **#DIV/0!**
**Total Amps/PH - Demand** **0.00**
**Connected KVA** **0.00**
**Demand KVA** **0.00**
**Min. Panel Size (Demand x 1.25) - Amps** **0.00**
**NOTES:**
**1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12**
**2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52**

**Total Combined Load**
**Tot Amps/PH - Connected Load** **0.00**
**Demand Factor** **#DIV/0!**
**Total Amps/PH - Demand** **0.00**
**Connected KVA** **0.00**
**Demand KVA** **0.00**
**Min. Panel Size (Demand x 1.25) -** **0.00**

STATE OF MAINE BOARD OF FIRE PROTECTION SPRINKLER PROFESSIONAL

STATE OF MAINE DEPARTMENT OF PROFESSIONAL AND FINANCIAL REGULATION
Reviewed for Code Compliance
Inspections Division
Date: 11/22/16

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| 1 | 08/04/2016 ISSUED FOR PERMIT |

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PANEL SCHEDULES

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