



11/6/2024

1430C PHS PORTABLES 14-19 2025 VOLTAGE BPD VOLTAGE DROPS

| | | | | | | |
|---------|-------------|---------|---|--------------|---------------|---------|
| Panel | HPF-PS6B#2 | | | | | |
| Circuit | Device | Current | | # of Devices | | Current |
| N1 | P2RLED 95CD | 0.092 | X | 2 | = | 0.184 |
| | P2RK | 0.194 | X | 1 | = | 0.194 |
| | | | X | | = | 0 |
| | | | X | | = | 0 |
| | | | | | Total Current | 0.378 |
| Panel | HPF-PS6B#2 | | | | | |
| Circuit | Device | Current | | | | Current |
| N2 | P2RLED 95CD | 0.092 | X | 2 | = | 0.184 |
| | | | X | | = | 0 |
| | | | X | | = | 0 |
| | | | X | | = | 0 |
| | | | | | Total Current | 0.184 |
| Panel | HPF-PS6B#2 | | | | | |
| Circuit | Device | Current | | | | Current |
| N3 | P2RLED 95CD | 0.092 | X | 2 | = | 0.184 |
| | | 0 | X | | = | 0 |
| | | 0 | X | | = | 0 |
| | | | X | | = | 0 |
| | | | | | Total Current | 0.184 |
| Panel | HPF-PS6B#2 | | | | | |
| Circuit | Device | Current | | | | Current |
| N4 | NOT USED | 0 | X | | = | 0 |
| | | 0 | X | | = | 0 |
| | | 0 | X | | = | 0 |
| | | | X | | = | 0 |
| | | | | | Total Current | 0 |
| Panel | HPF-PS6B#2 | | | | | |
| Circuit | Device | Current | | | | Current |
| N5 | NOT USED | 0 | X | | = | 0 |
| | | 0 | X | | = | 0 |
| | | 0 | X | | = | 0 |
| | | | X | | = | 0 |
| | | | | | Total Current | 0 |

| | | | | |
|---------------|---------------------|---------|---------|-------------|
| Ohms Per Foot | X Total Wire Length | Current | VDC | EOL Voltage |
| 3.07 | 60 X | 0.378 | = 0.070 | 20.330 |

| | | | | |
|---------------|---------------------|---------|---------|-------------|
| Ohms Per Foot | X Total Wire Length | Current | VDC | EOL Voltage |
| 3.07 | 90 X | 0.184 | = 0.051 | 20.349 |

| | | | | |
|---------------|---------------------|---------|---------|-------------|
| Ohms Per Foot | X Total Wire Length | Current | VDC | EOL Voltage |
| 3.07 | 125 X | 0.184 | = 0.071 | 20.329 |

| | | | | |
|---------------|---------------------|---------|---------|-------------|
| Ohms Per Foot | X Total Wire Length | Current | VDC | EOL Voltage |
| 3.07 | 0 X | 0 | = 0.000 | 20.400 |

| | | | | |
|---------------|---------------------|---------|---------|-------------|
| Ohms Per Foot | X Total Wire Length | Current | VDC | EOL Voltage |
| 3.07 | 0 X | 0 | = 0.000 | 20.400 |

DESIGNED BY:
SANDIFER DEER
NICET IV #129796

