

cliQ^M (24 V)



- High power density in corrosion resistant aluminium casing
- Power Boost of 150% up to 7 s
- Advanced Power Boost (APB)
- DNV GL and ABS approvals for maritime applications
- Extreme low temperature cold start at -40°C
- Built-in DC OK contact and LED indicator for DC OK/ Overload
- Conformal coating on PCBAs to protect against common dust and chemical pollutants

Applications



Process Automation Factory Automation Machine Automation Renewable Energy

| Output | DRM-24V80W1PN | DRM-24V120W1PN | DRM-24V240W1PN | DRM-24V480W1PN | DRM-24V960W1PN |
|---|---|---|---|--------------------------------------|---|
| Output Voltage | 24 V | 24 V | 24 V | 24 V | 24 V |
| Output Voltage Range | 24-28 V | 24-28 V | 24-28 V | 24-28 V | 24-28 V |
| Output Current | 3.4-3.0 A | 5.0-4.5 A | 10.0-9.0 A | 20.0-17.0 A | 40.0-34.3 A |
| Output Power | 81.6 W | 120 W | 240 W | 480 W | 960 W |
| PARD (20 MHz) | < 50mVpp | | < 100mVpp | | |
| Hold-up Time | 120 V _{AC} : > 35 ms 230 V _{AC} : > 70 ms | > 34 ms > 65 ms | > 28ms | > 30 ms | > 23 ms |
| Input | | | | | |
| Phase Input | Single Phase | | | | |
| Input Voltage Range | 85-276 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | 85-264 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | 85-276 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | 85-264 V _{AC} | |
| Input Frequency | 47-63 Hz | | | | |
| Input Current | 120 V _{AC} : < 0.90 A 230 V _{AC} : < 0.60 A | < 1.12 A < 0.62 A | < 2.26 A < 1.25 A | < 4.60 A < 2.50 A | < 10.10 A < 6.00 A |
| Efficiency ²⁾ at 100% Load | 120 V _{AC} : > 90.1% 230 V _{AC} : > 90.0% | > 91.6% > 92.7% | > 92.6% > 93.5% | > 92.2% > 93.4% | > 93.6% > 94.6% |
| Max Inrush Current (Cold Start) | 120 V _{AC} : < 7 A 230 V _{AC} : < 13 A | < 15 A | < 10 A | < 13 A | < 20 A |
| Power Factor | 120 V _{AC} : > 0.95 230 V _{AC} : > 0.80 | > 0.99 > 0.91 | > 0.98 > 0.92 | > 0.92 > 0.87 | > 0.97 > 0.95 |
| Leakage Current (264 V _{AC} , 50 Hz) | TT/TN: < 0.36 mA IT: < 0.95 mA | < 0.45 mA | < 0.74 mA | < 0.80 mA | < 1.18 mA |
| Mechanical | | | | | |
| Case Cover / Chassis | Aluminium | | | | |
| Dimensions (H × W × D) | mm: 124 × 32 × 102 inch: 4.88 × 1.26 × 4.02 | 124 × 40 × 117 4.88 × 1.57 × 4.61 | 124 × 60 × 117 4.88 × 2.36 × 4.61 | 124 × 82 × 127 4.88 × 3.23 × 5.00 | 124 × 125 × 133.6 4.88 × 4.92 × 5.26 |
| Unit Weight | kg: 0.50 lb: 1.10 | 0.63 | 0.94 | 1.40 | 2.87 |
| Cooling System | Convection | | | | |
| MTBF ³⁾ | > 2,000,000 hrs | > 1,800,000 hrs | > 1,400,000 hrs | > 778,800 hrs | > 513,800 hrs |
| Environment | | | | | |
| Operating Temperature ⁴⁾ | -25°C to +70°C | | | | |
| Storage Temperature | -40°C to +85°C | | | | |
| Operating Humidity | 5 to 95% RH (Non-Condensing) | | | | |
| Operating Altitude | 0 to 5,000 m (0 to 16,400 ft); IEC/EN 61558: 0 to 2,500 m (0 to 8,200 ft) | | | | |

Dimensions Reference



- Notes
- All models are certified for DC input. DC input is not applicable for DRM-24V960W1PN.
 - At 25°C ambient temperature by vertical mounting orientation.
 - MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
 - Refer power de-rating in the product datasheet.
 - All parameters are specified at 25°C ambient temperature unless otherwise indicated.

cliQ^M (24 V)



- Built-in constant current circuit for charging applications
- Full power from -25°C to +60°C @ 5,000 m (16,400 ft)
- Power Boost of 150% up to 7 s
- Advanced Power Boost (APB)
- DNV GL and ABS approvals for maritime applications
- Built-in DC OK Contact and LED indicator for DC OK/ Overload
- Conformal coating on PCBAs to protect against common dust and chemical pollutants

Applications



Output

| Output | DRM-24V480W3PN | DRM-24V960W3PN |
|----------------------|--|----------------|
| Output Voltage | 24 V | 24 V |
| Output Voltage Range | 24-28 V | 24-28 V |
| Output Current | 20.0-17.1 A | 40.0-34.3 A |
| Output Power | 480 W | 960 W |
| PARD (20 MHz) | < 100 mVpp | < 100 mVpp |
| Hold-up Time | 3 × 400 V _{AC} : > 18 ms 3 × 500 V _{AC} : > 18 ms | > 20 ms |

Input

| Phase Input | Two or Three Phase | |
|---|--|------------------------|
| Input Voltage Range | 3 × 320-575 V _{AC} or 2 × 380-575 V _{AC} (DC input range 450-800 V _{DC}) ¹⁾ | |
| Input Frequency | 47-63 Hz | |
| Input Current | 3 × 400 V _{AC} : < 0.79 A 3 × 500 V _{AC} : < 0.68 A | < 1.65 A < 1.35 A |
| Efficiency ²⁾ at 100% Load | 3 × 400 V _{AC} : > 95.0% 3 × 500 V _{AC} : > 94.8% | > 95.3% > 95.2% |
| Max Inrush Current (Cold Start) | 3 × 400 V _{AC} : < 10 A 3 × 500 V _{AC} : < 10 A | < 14.2 A < 17.7 A |
| Power Factor | 3 × 400 V _{AC} : > 0.93 3 × 500 V _{AC} : > 0.88 | > 0.90 |
| Leakage Current (3 × 528 V _{AC} , 60 Hz) | TT/TN: < 1.30 mA IT: < 1.30 mA | < 0.95 mA < 1.20 mA |

Mechanical

| Case Cover / Chassis | Aluminium | |
|------------------------|--|---|
| Dimensions (H × W × D) | mm: 124 × 65 × 127.1 inch: 4.88 × 2.56 × 5.00 | 124 × 110 × 128.6 4.88 × 4.33 × 5.06 |
| Unit Weight | kg: 1.18 lb: 2.60 | 2.30 5.07 |
| Cooling System | Convection | |
| MTBF ³⁾ | > 750,000 hrs | > 568,300 hrs |

Environment

| | | |
|-------------------------------------|-------------------------------|--|
| Operating Temperature ⁴⁾ | -25°C to +70°C | |
| Storage Temperature | -40°C to +85°C | |
| Operating Humidity | 5 to 95% RH (Non-Condensing) | |
| Operating Altitude | 0 to 5,000 m (0 to 16,400 ft) | |

Dimensions Reference



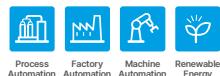
- Notes
- All models fulfill the test conditions for this range. DC input safety approval can be obtained upon request.
 - At 25°C ambient temperature by vertical mounting orientation.
 - MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
 - Refer power de-rating in the product datasheet.
 - According to IEC/EN 62368-1, IEC/EN 61010.
 - All parameters are specified at 25°C ambient temperature unless otherwise indicated.

cliQ^M (24 V)



- SIL3 approval for SIS Functional Safety
- Droop method current sharing
- Active Redundant circuit O-Ring MOSFET
- Power Boost of 150% up to 5s
- Advanced Power Boost (APB)
- Built-in DC OK contact and LED indicator for DC OK/ Overload
- Conformal coating on PCBAs to protect against common dust and chemical pollutants

Applications



COMING SOON

| Output | DRV-24V480W1SN | | | | |
|--|---|---------------------|----------------|---------------------|--------------------|
| Output Voltage | 24 V | | | | |
| Output Voltage Range | 24-28 V | | | | |
| Output Current | 20.0-17.0 A | | | | |
| Output Power | 480 W | | | | |
| PARD (20 MHz) | < 120 mVpp | | | | |
| Hold-up Time | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 32 ms</td> </tr> <tr> <td>230 V_{AC}</td> <td></td> </tr> </table> | 120 V _{AC} | > 32 ms | 230 V _{AC} | |
| 120 V _{AC} | > 32 ms | | | | |
| 230 V _{AC} | | | | | |
| Input | | | | | |
| Phase Input | Single Phase | | | | |
| Input Voltage Range | 85-276 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | | | | |
| Input Frequency | 47-63 Hz | | | | |
| Input Current | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 4.56 A</td> </tr> <tr> <td>230 V_{AC}</td> <td>< 2.48 A</td> </tr> </table> | 120 V _{AC} | < 4.56 A | 230 V _{AC} | < 2.48 A |
| 120 V _{AC} | < 4.56 A | | | | |
| 230 V _{AC} | < 2.48 A | | | | |
| Efficiency ²⁾ at 100% Load | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 92.4%</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 93.4%</td> </tr> </table> | 120 V _{AC} | > 92.4% | 230 V _{AC} | > 93.4% |
| 120 V _{AC} | > 92.4% | | | | |
| 230 V _{AC} | > 93.4% | | | | |
| Max Inrush Current (Cold Start) | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 13 A</td> </tr> <tr> <td>230 V_{AC}</td> <td></td> </tr> </table> | 120 V _{AC} | < 13 A | 230 V _{AC} | |
| 120 V _{AC} | < 13 A | | | | |
| 230 V _{AC} | | | | | |
| Power Factor | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 0.95</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 0.90</td> </tr> </table> | 120 V _{AC} | > 0.95 | 230 V _{AC} | > 0.90 |
| 120 V _{AC} | > 0.95 | | | | |
| 230 V _{AC} | > 0.90 | | | | |
| Leakage Current (264 V _{AC} , 50Hz) | <table border="1"> <tr> <td>TT/TN</td> <td>< 1.10 mA</td> </tr> <tr> <td>IT</td> <td>< 1.20 mA</td> </tr> </table> | TT/TN | < 1.10 mA | IT | < 1.20 mA |
| TT/TN | < 1.10 mA | | | | |
| IT | < 1.20 mA | | | | |
| Mechanical | | | | | |
| Case Cover / Chassis | Aluminium | | | | |
| Dimensions (H x W x D) | <table border="1"> <tr> <td>mm</td> <td>124 x 82 x 127</td> </tr> <tr> <td>inch</td> <td>4.88 x 3.23 x 5.00</td> </tr> </table> | mm | 124 x 82 x 127 | inch | 4.88 x 3.23 x 5.00 |
| mm | 124 x 82 x 127 | | | | |
| inch | 4.88 x 3.23 x 5.00 | | | | |
| Unit Weight | <table border="1"> <tr> <td>kg</td> <td>1.40</td> </tr> <tr> <td>lb</td> <td>3.09</td> </tr> </table> | kg | 1.40 | lb | 3.09 |
| kg | 1.40 | | | | |
| lb | 3.09 | | | | |
| Cooling System | Convection | | | | |
| MTBF ³⁾ | > 864,600 hrs | | | | |
| Environment | | | | | |
| Operating Temperature ⁴⁾ | -25°C to +70°C | | | | |
| Storage Temperature | -40°C to +85°C | | | | |
| Operating Humidity | 5 to 95% RH (Non-Condensing) | | | | |
| Operating Altitude ⁵⁾ | 0 to 5,000 m (0 to 16,400 ft) | | | | |

Dimensions Reference



Notes

- All models are certified for DC input.
- At 25°C ambient temperature by vertical mounting orientation.
- MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
- Refer power de-rating in the product datasheet.
- According to IEC/EN 62368-1, IEC/EN 61010.
- All parameters are specified at 25°C ambient temperature unless otherwise indicated.

cliQ^{VA} (24 V)



- LCD display monitoring the output current / voltage / peak current and temperature
- Life time expectancy alarm signal and monitoring
- Built-in active PFC with up to 94% efficiency
- Power Boost of 150% up to 5s
- Advanced Power Boost (APB)
- DC OK Contact and LED indicator for DC OK/ Overload
- Conformal coating on PCBAs to protect against common dust and chemical pollutants

Applications



| Output | DRV-24V120W1PN | DRV-24V240W1PN | DRV-24V480W1PN | | | | | | | | | | | | |
|--|---|---|---|---------------------|--------------------|---|---------------------|----------------|---------------------|--------------------|---|---------------------|----------------|---------------------|--------------------|
| Output Voltage | 24 V | 24 V | 24 V | | | | | | | | | | | | |
| Output Voltage Range | 24-28 V | 24-28 V | 24-28 V | | | | | | | | | | | | |
| Output Current | 5.0-4.28 A | 10.0-8.57 A | 20.0-17.0 A | | | | | | | | | | | | |
| Output Power | 120 W | 240 W | 480 W | | | | | | | | | | | | |
| PARD (20 MHz) | < 50 mVpp | < 50 mVpp | < 100 mVpp | | | | | | | | | | | | |
| Hold-up Time | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 34 ms</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 65 ms</td> </tr> </table> | 120 V _{AC} | > 34 ms | 230 V _{AC} | > 65 ms | > 28 ms | > 30 ms | | | | | | | | |
| 120 V _{AC} | > 34 ms | | | | | | | | | | | | | | |
| 230 V _{AC} | > 65 ms | | | | | | | | | | | | | | |
| Input | | | | | | | | | | | | | | | |
| Phase Input | | Single Phase | | | | | | | | | | | | | |
| Input Voltage Range | 85-264 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | 85-276 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | 85-276 V _{AC} (DC input range 88-375 V _{DC}) ¹⁾ | | | | | | | | | | | | |
| Input Frequency | | 47-63 Hz | | | | | | | | | | | | | |
| Input Current | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 1.13 A</td> </tr> <tr> <td>230 V_{AC}</td> <td>< 0.63 A</td> </tr> </table> | 120 V _{AC} | < 1.13 A | 230 V _{AC} | < 0.63 A | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 2.22 A</td> </tr> <tr> <td>230 V_{AC}</td> <td>< 1.21 A</td> </tr> </table> | 120 V _{AC} | < 2.22 A | 230 V _{AC} | < 1.21 A | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 4.60 A</td> </tr> <tr> <td>230 V_{AC}</td> <td>< 2.50 A</td> </tr> </table> | 120 V _{AC} | < 4.60 A | 230 V _{AC} | < 2.50 A |
| 120 V _{AC} | < 1.13 A | | | | | | | | | | | | | | |
| 230 V _{AC} | < 0.63 A | | | | | | | | | | | | | | |
| 120 V _{AC} | < 2.22 A | | | | | | | | | | | | | | |
| 230 V _{AC} | < 1.21 A | | | | | | | | | | | | | | |
| 120 V _{AC} | < 4.60 A | | | | | | | | | | | | | | |
| 230 V _{AC} | < 2.50 A | | | | | | | | | | | | | | |
| Efficiency ²⁾ at 100% Load | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 90.3%</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 91.2%</td> </tr> </table> | 120 V _{AC} | > 90.3% | 230 V _{AC} | > 91.2% | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 92.6%</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 93.5%</td> </tr> </table> | 120 V _{AC} | > 92.6% | 230 V _{AC} | > 93.5% | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 92.2%</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 93.4%</td> </tr> </table> | 120 V _{AC} | > 92.2% | 230 V _{AC} | > 93.4% |
| 120 V _{AC} | > 90.3% | | | | | | | | | | | | | | |
| 230 V _{AC} | > 91.2% | | | | | | | | | | | | | | |
| 120 V _{AC} | > 92.6% | | | | | | | | | | | | | | |
| 230 V _{AC} | > 93.5% | | | | | | | | | | | | | | |
| 120 V _{AC} | > 92.2% | | | | | | | | | | | | | | |
| 230 V _{AC} | > 93.4% | | | | | | | | | | | | | | |
| Max Inrush Current (Cold Start) | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 15 A</td> </tr> <tr> <td>230 V_{AC}</td> <td></td> </tr> </table> | 120 V _{AC} | < 15 A | 230 V _{AC} | | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 10 A</td> </tr> <tr> <td>230 V_{AC}</td> <td></td> </tr> </table> | 120 V _{AC} | < 10 A | 230 V _{AC} | | <table border="1"> <tr> <td>120 V_{AC}</td> <td>< 13 A</td> </tr> <tr> <td>230 V_{AC}</td> <td></td> </tr> </table> | 120 V _{AC} | < 13 A | 230 V _{AC} | |
| 120 V _{AC} | < 15 A | | | | | | | | | | | | | | |
| 230 V _{AC} | | | | | | | | | | | | | | | |
| 120 V _{AC} | < 10 A | | | | | | | | | | | | | | |
| 230 V _{AC} | | | | | | | | | | | | | | | |
| 120 V _{AC} | < 13 A | | | | | | | | | | | | | | |
| 230 V _{AC} | | | | | | | | | | | | | | | |
| Power Factor | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 0.99</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 0.91</td> </tr> </table> | 120 V _{AC} | > 0.99 | 230 V _{AC} | > 0.91 | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 0.98</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 0.92</td> </tr> </table> | 120 V _{AC} | > 0.98 | 230 V _{AC} | > 0.92 | <table border="1"> <tr> <td>120 V_{AC}</td> <td>> 0.92</td> </tr> <tr> <td>230 V_{AC}</td> <td>> 0.87</td> </tr> </table> | 120 V _{AC} | > 0.92 | 230 V _{AC} | > 0.87 |
| 120 V _{AC} | > 0.99 | | | | | | | | | | | | | | |
| 230 V _{AC} | > 0.91 | | | | | | | | | | | | | | |
| 120 V _{AC} | > 0.98 | | | | | | | | | | | | | | |
| 230 V _{AC} | > 0.92 | | | | | | | | | | | | | | |
| 120 V _{AC} | > 0.92 | | | | | | | | | | | | | | |
| 230 V _{AC} | > 0.87 | | | | | | | | | | | | | | |
| Leakage Current (264 V _{AC} , 50Hz) | <table border="1"> <tr> <td>TT/TN</td> <td>< 0.45 mA</td> </tr> <tr> <td>IT</td> <td>< 1.08 mA</td> </tr> </table> | TT/TN | < 0.45 mA | IT | < 1.08 mA | <table border="1"> <tr> <td>TT/TN</td> <td>< 0.74 mA</td> </tr> <tr> <td>IT</td> <td>< 2.10 mA</td> </tr> </table> | TT/TN | < 0.74 mA | IT | < 2.10 mA | <table border="1"> <tr> <td>TT/TN</td> <td>< 0.80 mA</td> </tr> <tr> <td>IT</td> <td>< 2.00 mA</td> </tr> </table> | TT/TN | < 0.80 mA | IT | < 2.00 mA |
| TT/TN | < 0.45 mA | | | | | | | | | | | | | | |
| IT | < 1.08 mA | | | | | | | | | | | | | | |
| TT/TN | < 0.74 mA | | | | | | | | | | | | | | |
| IT | < 2.10 mA | | | | | | | | | | | | | | |
| TT/TN | < 0.80 mA | | | | | | | | | | | | | | |
| IT | < 2.00 mA | | | | | | | | | | | | | | |
| Mechanical | | | | | | | | | | | | | | | |
| Case Cover / Chassis | | Aluminium & Plastic / Aluminium | | | | | | | | | | | | | |
| Dimensions (H x W x D) | <table border="1"> <tr> <td>mm</td> <td>124 x 60 x 139</td> </tr> <tr> <td>inch</td> <td>4.88 x 2.36 x 5.47</td> </tr> </table> | mm | 124 x 60 x 139 | inch | 4.88 x 2.36 x 5.47 | <table border="1"> <tr> <td>mm</td> <td>124 x 60 x 139</td> </tr> <tr> <td>inch</td> <td>4.88 x 2.36 x 5.47</td> </tr> </table> | mm | 124 x 60 x 139 | inch | 4.88 x 2.36 x 5.47 | <table border="1"> <tr> <td>mm</td> <td>124 x 82 x 149</td> </tr> <tr> <td>inch</td> <td>4.88 x 3.23 x 5.87</td> </tr> </table> | mm | 124 x 82 x 149 | inch | 4.88 x 3.23 x 5.87 |
| mm | 124 x 60 x 139 | | | | | | | | | | | | | | |
| inch | 4.88 x 2.36 x 5.47 | | | | | | | | | | | | | | |
| mm | 124 x 60 x 139 | | | | | | | | | | | | | | |
| inch | 4.88 x 2.36 x 5.47 | | | | | | | | | | | | | | |
| mm | 124 x 82 x 149 | | | | | | | | | | | | | | |
| inch | 4.88 x 3.23 x 5.87 | | | | | | | | | | | | | | |
| Unit Weight | <table border="1"> <tr> <td>kg</td> <td>0.75</td> </tr> <tr> <td>lb</td> <td>1.65</td> </tr> </table> | kg | 0.75 | lb | 1.65 | <table border="1"> <tr> <td>kg</td> <td>1.02</td> </tr> <tr> <td>lb</td> <td>2.25</td> </tr> </table> | kg | 1.02 | lb | 2.25 | <table border="1"> <tr> <td>kg</td> <td>1.45</td> </tr> <tr> <td>lb</td> <td>3.20</td> </tr> </table> | kg | 1.45 | lb | 3.20 |
| kg | 0.75 | | | | | | | | | | | | | | |
| lb | 1.65 | | | | | | | | | | | | | | |
| kg | 1.02 | | | | | | | | | | | | | | |
| lb | 2.25 | | | | | | | | | | | | | | |
| kg | 1.45 | | | | | | | | | | | | | | |
| lb | 3.20 | | | | | | | | | | | | | | |
| Cooling System | | Convection | | | | | | | | | | | | | |
| MTBF ³⁾ | > 1,444,000 hrs | > 1,268,000 hrs | > 751,100 hrs | | | | | | | | | | | | |
| Environment | | | | | | | | | | | | | | | |
| Operating Temperature ⁴⁾ | | -25°C to +70°C | | | | | | | | | | | | | |
| Storage Temperature | | -40°C to +85°C | | | | | | | | | | | | | |
| Operating Humidity | | 5 to 95% RH (Non-Condensing) | | | | | | | | | | | | | |
| Operating Altitude | | 0 to 5,000 m (0 to 16,400 ft) | | | | | | | | | | | | | |

Dimensions Reference



Notes

- All models are certified for DC input.
- At 25°C ambient temperature by vertical mounting orientation.
- MTBF as per Telcordia SR-332 (Confidence level: 90%, I/P: 100 V_{AC}, O/P: 100% load) for vertical mounting orientation.
- Refer power de-rating in the product datasheet.
- All parameters are specified at 25°C ambient temperature unless otherwise indicated.