



# Switching Power Supplies Pro2 Series

## Overview

WAGO Pro2 compact switched-mode power supplies provide a wide range of uses. These power supplies can be mounted on a 35mm DIN rail and can be configured directly via buttons on the device's face, using the WAGO USB configuration cable to connect to the integrated communication interface, or using one of the WAGO Pro2 communication modules. In addition, the WAGO Interface Configuration software (free download) can be used to record and evaluate various output parameters.

The pluggable connection technology uses WAGO CAGE CLAMP® connectors, which allow pre-wiring for quicker installations as well as quicker and easier product replacement.

For configuration, data collection, and read-out of status information, the Pro2 Power Supply can be connected to a dedicated WAGO Pro2 communication module at any time, allowing selection of the desired protocol for coupling to the automation and control system.

The LED bar chart on the front reliably indicates the current output power, as well as overloads/load reserves. Furthermore, the LEDs indicate the selected operating mode and, when needed, warnings and errors.

## Features

- Power supply with TopBoost, PowerBoost and configurable overload behavior
- Configurable digital signal input and output, optical status indication, function keys
- Communication interface for configuration and monitoring
- Suitable for both parallel and series operation
- Snap on communication modules (sold separately)
- Free WAGO configuration software (download only)
- 2-year warranty



| Switching Power Supplies Pro2 Series |          |                                 |                                 |                               |                      |                     |
|--------------------------------------|----------|---------------------------------|---------------------------------|-------------------------------|----------------------|---------------------|
| Part Number                          | Price    | Output Voltage<br>( $V_{nom}$ ) | Output Current<br>( $I_{max}$ ) | Output Power<br>( $P_{max}$ ) | Weight<br>grams [lb] | Drawing<br>Link     |
| Single-Phase Input                   |          |                                 |                                 |                               |                      |                     |
| <a href="#">2787-2134</a>            | \$191.00 | 12 VDC                          | 10A                             | 120W                          | 650 [1.43]           | <a href="#">PDF</a> |
| <a href="#">2787-2135</a>            | \$312.00 |                                 | 15A                             | 180W                          | 1000 [2.20]          | <a href="#">PDF</a> |
| <a href="#">2787-2144</a>            | \$185.00 | 24 VDC                          | 5A                              | 120W                          | 700 [1.54]           | <a href="#">PDF</a> |
| <a href="#">2787-2146</a>            | \$257.00 |                                 | 10A                             | 240W                          | 1000 [2.20]          | <a href="#">PDF</a> |
| <a href="#">2787-2147</a>            | \$375.00 |                                 | 20A                             | 480W                          | 1450 [3.19]          | <a href="#">PDF</a> |
| <a href="#">2787-2448</a>            | \$589.00 |                                 | 40A                             | 960W                          | 1950 [4.29]          | <a href="#">PDF</a> |
| <a href="#">2787-2154</a>            | \$298.00 | 48 VDC                          | 2.5 A                           | 120W                          | 650 [1.43]           | <a href="#">PDF</a> |
| <a href="#">2787-2157</a>            | \$473.00 |                                 | 10A                             | 480W                          | 1450 [3.19]          | <a href="#">PDF</a> |
| Three-Phase Input                    |          |                                 |                                 |                               |                      |                     |
| <a href="#">2787-2344</a>            | \$254.00 | 24 VDC                          | 5A                              | 120W                          | 650 [1.43]           | <a href="#">PDF</a> |
| <a href="#">2787-2346</a>            | \$355.00 |                                 | 10A                             | 240W                          | 1000 [2.20]          | <a href="#">PDF</a> |
| <a href="#">2787-2347</a>            | \$475.00 |                                 | 20A                             | 480W                          | 1450 [3.19]          | <a href="#">PDF</a> |
| <a href="#">2787-2348</a>            | \$688.00 |                                 | 40A                             | 960W                          | 1980 [4.29]          | <a href="#">PDF</a> |
| <a href="#">2787-2357</a>            | \$518.00 | 48 VDC                          | 10A                             | 480W                          | 1400 [3.08]          | <a href="#">PDF</a> |
| <a href="#">2787-2358</a>            | \$809.00 |                                 | 20A                             | 960W                          | 1980 [4.29]          | <a href="#">PDF</a> |



[2787-2144](#)



[2787-2348](#)



[750-923](#)

| Switching Power Supplies Accessory Pro2 Series |         |                                                                             |
|------------------------------------------------|---------|-----------------------------------------------------------------------------|
| Part Number                                    | Price   | Description                                                                 |
| <a href="#">750-923</a>                        | \$41.50 | WAGO cable, 8.2ft/2.5m cable length. For use with WAGO Pro2 power supplies. |



# Switching Power Supplies

## Pro2 Series

| Switching Power Supplies Input Specifications Pro2 Series |                                              |                            |                 |                                      |                                      |                                                                           |                                  |                              |
|-----------------------------------------------------------|----------------------------------------------|----------------------------|-----------------|--------------------------------------|--------------------------------------|---------------------------------------------------------------------------|----------------------------------|------------------------------|
| Part Number                                               | Nominal Input Voltage<br>[V <sub>nom</sub> ] | Voltage Range              | Frequency Range | Input Current<br>[Typ. @ full load]  | Inrush Current Limitation<br>@ +25°C | Max Power Dissipation                                                     | Efficiency<br>[Typ.]             | Circuit Breaker<br>[Minimum] |
| Single-Phase                                              |                                              |                            |                 |                                      |                                      |                                                                           |                                  |                              |
| <a href="#"><u>2787-2134</u></a>                          | 100-240 VAC                                  | 90–264 VAC<br>130–373 VDC  | 50-60 Hz        | ≤ 1.3 A @ 110VAC<br>0.6 A @ 230VAC   | ≤ 9.6 A<br>[after 1ms]               | ≤ 0.8 W [Standby]<br>≤ 1.6 W [No load]<br>≤ 10W [230 VAC; Nominal load]   | 93.8% @ 110VAC                   | 16A                          |
| <a href="#"><u>2787-2135</u></a>                          |                                              | 90–264 VAC<br>130–240 VDC  |                 | 2.0 A @ 110VAC<br>0.88 A @ 230 VAC   | ≤ 11.4 A<br>[after 1ms]              | ≤ 0.8 W [Standby]<br>≤ 2.3 W [No load]<br>≤ 14W [230 VAC; Nominal load]   | 95.3% @ 110VAC                   |                              |
| <a href="#"><u>2787-2144</u></a>                          |                                              | 90–264 VAC<br>130–373 VDC  |                 | ≤ 1A @ 240VAC<br>≤ 1.8 A @ 100VAC    | ≤ 9A<br>[after 1ms]                  | ≤ 1W [Standby]<br>≤ 2W [No load]<br>≤ 10W [230 VAC; Nominal load]         | 93% @ 110VAC<br>93.8% @ 230VAC   |                              |
| <a href="#"><u>2787-2146</u></a>                          |                                              |                            |                 | ≤ 1.2 A @ 240VAC<br>≤ 2.7 A @ 100VAC | ≤ 11A<br>[after 1ms]                 | ≤ 1W [Standby]<br>≤ 2.2 W [No load]<br>≤ 12W [230 VAC; Nominal load]      | 93.5% @ 110VAC<br>95.2% @ 230VAC |                              |
| <a href="#"><u>2787-2147</u></a>                          |                                              |                            |                 | ≤ 2.2 A @ 240VAC<br>≤ 5.9 A @ 100VAC | ≤ 12A<br>[after 1ms]                 | ≤ 1.3 W [Standby]<br>≤ 2.6 W [No load]<br>≤ 24W [230 VAC; Nominal load]   | 93.9% @ 110VAC<br>95.4% @ 230VAC |                              |
| <a href="#"><u>2787-2448</u></a>                          | 200-240 VAC                                  | 180–264 VAC<br>255–373 VDC |                 | ≤ 4.3 A @ 240VAC<br>≤ 5.1 A @ 200VAC | ≤ 10A<br>[after 1ms]                 | ≤ 1.5 W [Standby];<br>≤ 2.4 W [No load];<br>≤ 40W [230 VAC; Nominal load] | 96% @ 230VAC                     |                              |
| <a href="#"><u>2787-2154</u></a>                          | 100-240 VAC                                  | 90–264 VAC<br>130–240 VDC  |                 | ≤ 1.3 A @ 100VAC                     | 11A<br>[after 1ms]                   | ≤ 0.8 W [Standby]<br>≤ 1.7 W [No load]<br>≤ 9W [230 VAC; Nominal load]    | 95.3% @ 110VAC                   |                              |
| <a href="#"><u>2787-2157</u></a>                          |                                              |                            |                 | 5.9 A @ 100VAC<br>2.2 A @ 230VAC     | ≤ 12A<br>[after 1ms]                 | ≤ 1.3 W [Standby];<br>≤ 2.6 W [No load];<br>≤ 24W [230 VAC; Nominal load] | 95.3% @ 110VAC                   |                              |
| Three-Phase                                               |                                              |                            |                 |                                      |                                      |                                                                           |                                  |                              |
| <a href="#"><u>2787-2344</u></a>                          | 400-500 VAC                                  | 340–550 VAC                | 50-60 Hz        | 0.4 A @ 400VAC                       | ≤ 15A<br>[after 1ms]                 | ≤ 3W [Standby]<br>≤ 3W [No load]<br>≤ 18W [400 VAC; Nominal load]         | 92.5% @ 400VAC                   | 16A                          |
| <a href="#"><u>2787-2346</u></a>                          |                                              |                            |                 | 0.63 A @ 400VAC                      | 1A<br>[after 1ms]                    | ≤ 3W [Standby]<br>≤ 3W [No load]<br>≤ 18W [400 VAC; Nominal load]         | 94.1% @ 400VAC                   |                              |
| <a href="#"><u>2787-2347</u></a>                          |                                              | 340–550 VAC<br>480–780 VDC |                 | ≤ 0.8 A @ 400VAC                     | ≤ 15A<br>[after 1ms]                 | ≤ 3.6 W [Standby]<br>≤ 4.4 W [No load]                                    | 95.9% @ 400VAC                   |                              |
| <a href="#"><u>2787-2348</u></a>                          |                                              |                            |                 | ≤ 1.7 A @ 400VAC                     |                                      | ≤ 21W [400 VAC; Nominal load]                                             | 96.3% @ 400VAC                   |                              |
| <a href="#"><u>2787-2357</u></a>                          |                                              | 340–550 VAC                |                 | 0.8 A @ 400VAC                       | 1A<br>[after 1ms]                    | ≤ 3.6 W [Standby]<br>≤ 4.4 W [No load]<br>≤ 21W [400 VAC; Nominal load]   | 95% @ 400VAC                     |                              |
| <a href="#"><u>2787-2358</u></a>                          |                                              |                            |                 | 1.6 A @ 400VAC                       | 1A<br>[after 1ms]                    | ≤ 3.6 W [Standby]<br>≤ 4.4 W [No load]<br>≤ 21W [400 VAC; Nominal load]   | 96% @ 400VAC                     |                              |



# Switching Power Supplies

## Pro2 Series

| Switching Power Supplies Output Specifications Pro2 Series |                |                           |                       |                  |                  |                 |                 |                 |                                  |
|------------------------------------------------------------|----------------|---------------------------|-----------------------|------------------|------------------|-----------------|-----------------|-----------------|----------------------------------|
| Part Number                                                | Output Voltage | Output Voltage Adj. Range | Output Current (Max.) | Power Boost (5s) | Top Boost (15ms) | Switch on Delay | Line Regulation | Load Regulation | MTBF (@ 25°C)<br>[per IEC 61709] |
| Single-Phase                                               |                |                           |                       |                  |                  |                 |                 |                 |                                  |
| <a href="#">2787-2134</a>                                  | 12 VDC         | 12–14 VDC                 | 10A                   | 15A              | 60A              | < 2.2 sec       | < 0.02 %        | < 2.0 %         | > 1,200,000 h                    |
| <a href="#">2787-2135</a>                                  |                |                           | 15A                   | 22.5 A           | 90A              | < 1.8 sec       | < 0.02 %        | < 2.5 %         | > 1,200,000 h                    |
| <a href="#">2787-2144</a>                                  | 24 VDC         | 24–28 VDC                 | 5A                    | 7.5 A            | 30A              | < 2.2 sec       | < 0.02 %        | < 2.0 %         | > 1,000,000 h                    |
| <a href="#">2787-2146</a>                                  |                |                           | 10A                   | 15A              | 60A              | < 1.8 sec       | < 0.02 %        | < 2.0 %         | > 1,200,000 h                    |
| <a href="#">2787-2147</a>                                  |                |                           | 20A                   | 30A              | 120A             | < 1.5 sec       | < 0.02 %        | < 2.0 %         | > 800,000 h                      |
| <a href="#">2787-2448</a>                                  |                |                           | 40A                   | 60A              | 200A             | < 1.5 sec       | < 0.1 %         | < 2.6 %         | > 900,000 h                      |
| <a href="#">2787-2154</a>                                  | 48 VDC         | 48–56 VDC                 | 2.5 A                 | 3.75 A           | 15A              | < 2.2 sec       | < 0.02 %        | < 1.0 %         | > 900,000 h                      |
| <a href="#">2787-2157</a>                                  |                |                           | 10A                   | 15A              | 60A              | < 1.5 sec       | < 0.02 %        | < 1.0 %         | > 800,000 h                      |
| Three-Phase                                                |                |                           |                       |                  |                  |                 |                 |                 |                                  |
| <a href="#">2787-2344</a>                                  | 24 VDC         | 24–28 VDC                 | 5A                    | 7.5 A            | 30A              | 1.5 sec         | < 0.05 %        | < 2.0 %         | 1,400,000 h                      |
| <a href="#">2787-2346</a>                                  |                |                           | 10A                   | 15A              | 60A              | 1.5 sec         | < 2.0 %         | < 2.5 %         | > 1,000,000 h                    |
| <a href="#">2787-2347</a>                                  |                |                           | 20A                   | 30A              | 120A             | < 1.4 sec       | < 0.02 %        | < 2.0 %         | > 800,000 h                      |
| <a href="#">2787-2348</a>                                  |                |                           | 40A                   | 60A              | 200A             | < 1.5 sec       | < 0.01 %        | < 0.01 %        | > 800,000 h                      |
| <a href="#">2787-2357</a>                                  | 48 VDC         | 48–56 VDC                 | 10A                   | 15A              | 60A              | 1.6 sec         | < 0.02 %        | < 1.0 %         | 900,000 h                        |
| <a href="#">2787-2358</a>                                  |                |                           | 20A                   | 30A              | 100A             | 1.6 sec         | < 0.04 %        | < 2.0 %         | 800,000 h                        |

| Switching Power Supplies General Specifications Pro2 Series |                                                                                                                                                                            |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature                                                 | Operating [ambient] -25 to 70°C [-13 to 158°F]<br>Storage [non-operating] -40 to 85°C [-40 to 185°F]                                                                       |
| Humidity                                                    | 5 to 96 % [no condensation permissible]                                                                                                                                    |
| Overload Behavior <sup>1</sup>                              | Constant Current [Factory Default], Constant Current with Latching Mode, Hiccup, Electronic Circuit Breaker, Latching Shutdown on Thermal Overload, Power Boost, Top Boost |
| Status Indicators                                           | Optical status indication [DC OK; load; warning and error states]<br>Digital signal input and output [DI/DO]                                                               |
| Overvoltage Protection                                      | Yes                                                                                                                                                                        |
| Vibration                                                   | IEC 60068-2-6 [5 to 150Hz / 1g]                                                                                                                                            |
| Shock                                                       | IEC 60068-2-27 [15g / 11ms]                                                                                                                                                |
| Enclosure Rating                                            | IP20                                                                                                                                                                       |
| Mounting                                                    | 35mm DIN rail                                                                                                                                                              |
| Connection                                                  | Cage Clamp®                                                                                                                                                                |
| Housing Material                                            | Metal (enclosed)                                                                                                                                                           |
| Agency Approval                                             | cULus File E255817, CE                                                                                                                                                     |

<sup>1</sup>All functions are described in detail in the user manual.



# Switching Power Supplies

## Pro2 Series

| Switching Power Supplies Additional Data Pro2 Series |                                         |                                         |                                                                 |
|------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------------------------------|
| Part Number                                          | Solid Wire Size                         |                                         |                                                                 |
|                                                      | Input                                   | Output                                  | Strip Length                                                    |
| <a href="#"><u>2787-2134</u></a>                     | 0.08 - 2.5 mm <sup>2</sup> [28 -12 AWG] | 0.08 - 2.5 mm <sup>2</sup> [28 -12 AWG] | Input/Output<br>8-9mm [0.31 - 0.35 in]                          |
| <a href="#"><u>2787-2135</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2144</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2146</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2147</u></a>                     |                                         | 0.50 - 10 mm <sup>2</sup> [20 -12 AWG]  | Input 8-9mm [0.31 - 0.35 in]<br>Output 13-15mm [0.51 - 0.59 in] |
| <a href="#"><u>2787-2448</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2154</u></a>                     |                                         | 0.08 - 2.5 mm <sup>2</sup> [28 -12 AWG] | Input/Output<br>8-9mm [0.31 - 0.35 in]                          |
| <a href="#"><u>2787-2157</u></a>                     |                                         | 0.50 - 10 mm <sup>2</sup> [20 -12 AWG]  | Input 8-9mm [0.31 - 0.35 in]<br>Output 13-15mm [0.51 - 0.59 in] |
| <a href="#"><u>2787-2344</u></a>                     |                                         | 0.08 - 2.5 mm <sup>2</sup> [28 -12 AWG] | Input/Output<br>8-9mm [0.31 - 0.35 in]                          |
| <a href="#"><u>2787-2346</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2347</u></a>                     |                                         | 0.50 - 10 mm <sup>2</sup> [20 -12 AWG]  | Input 8-9mm [0.31 - 0.35 in]<br>Output 13-15mm [0.51 - 0.59 in] |
| <a href="#"><u>2787-2348</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2357</u></a>                     |                                         |                                         |                                                                 |
| <a href="#"><u>2787-2358</u></a>                     |                                         |                                         |                                                                 |



# Switching Power Supplies Pro2 Series

## Digital I/O Functions

| Switching Power Supplies Digital I/O Functions Pro2 Series |                                               |                                                                                                          |
|------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Section                                                    | Operation                                     | Description                                                                                              |
| <b>Digital Input</b>                                       | Power supply standby on/off                   | If this checkbox is selected, the product can be switched on and off via the digital input.              |
|                                                            | Inversion DI                                  | If this checkbox is selected, the digital input is inverted.                                             |
|                                                            | Function triggered by low/high transition     | If this checkbox is selected, the digital input is activated in the event of an edge change from 0 to 1. |
|                                                            | Function triggered by high/low transition     | If this checkbox is selected, the digital input is activated in the event of an edge change from 1 to 0. |
| <b>Digital Output</b>                                      | DC OK                                         | If this checkbox is selected, the digital output is set if the DC output voltage is OK.                  |
|                                                            | Load current warning level exceeded           | If this checkbox is selected, the digital output is set if the overload warning threshold is exceeded.   |
|                                                            | Electronic circuit breaker tripped            | If this checkbox is selected, the digital output is set if the electronic circuit breaker has tripped.   |
|                                                            | Power supply switched off (Latched)           | If this checkbox is selected, the digital output is set if latching shutdown occurs.                     |
|                                                            | Digital output via process data/communication | If this checkbox is selected, the digital output can be controlled via the process data.                 |
|                                                            | Digital output on                             | If this checkbox is selected, the digital output is switched on.                                         |
|                                                            | Inversion DO                                  | If this checkbox is selected, the digital output is inverted.                                            |
| <b>Warning Thresholds (Software Config.)</b>               | Overload limit active                         | If this checkbox is selected, warning is triggered if the overload warning threshold is exceeded.        |
|                                                            | Warning threshold                             | Here you can enter the value for current (unit: mA) at or above which a warning message is generated.    |
|                                                            | Operating hour counter warning limit          | You can enter after how many operating hours (unit: h) after which a warning message is generated.       |

Note: Digital I/O function checkboxes are available in the WAGO configuration software.

## Operation via Buttons

Using the + and - buttons on the front of the product, you can make the following settings:

| Switching Power Supplies Operation via Buttons Pro2 Series |                |                                               |
|------------------------------------------------------------|----------------|-----------------------------------------------|
| Button [+]                                                 | Button [-]     | Function                                      |
| <b>Switch product on or off</b>                            |                |                                               |
| Hold down simultaneously for 3 seconds                     |                | The product is switched on or off.            |
| <b>Set output voltage</b>                                  |                |                                               |
| Press once                                                 | –              | The output voltage increases in steps.        |
| Press and hold                                             | –              | The output voltage increases continuously.    |
| –                                                          | Press once     | The output voltage is reduced in steps.       |
| –                                                          | Press and hold | The output voltage is reduced continuously.   |
| <b>Reset product for factory settings</b>                  |                |                                               |
| Hold down simultaneously for 10 seconds                    |                | The product is reset to the factory settings. |

During ongoing operation, you can set the output voltage and reset the product to factory settings. These settings can be saved and then remain available when the product is switched off and back on.



# Switching Power Supplies

## Pro2 Series

| Switching Power Supplies Safety and Agency Approvals Pro2 Series |                                                                                   |                                                                                                                                                                    |                                                                                                                                                                  |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specification                                                    | Standard                                                                          | Document Number                                                                                                                                                    |                                                                                                                                                                  |
| Harmonic Limits                                                  | Harmonic Current Limits                                                           | EN 61000-3-2, Class A for limited output power                                                                                                                     |                                                                                                                                                                  |
| Safety Standards                                                 | Hazardous Locations                                                               | UL Standard 121201 [File No. E198726]                                                                                                                              |                                                                                                                                                                  |
|                                                                  | Industrial control equipment                                                      | UL 61010-2-201 [File No. E255817]                                                                                                                                  |                                                                                                                                                                  |
|                                                                  | Electrical equipment of machines                                                  | IEC60204-1 [over voltage category III]                                                                                                                             |                                                                                                                                                                  |
|                                                                  | Electronic equipment for power installation                                       | IEC/EN 62477-1 / IEC62103                                                                                                                                          |                                                                                                                                                                  |
|                                                                  | Safety, Transient surge voltage protection                                        | VARISTOR                                                                                                                                                           |                                                                                                                                                                  |
| Safety Approvals                                                 | CB-Report per IEC 60950                                                           | IEC 60950-1, IEC 61010-1, IEC 61010-2-201                                                                                                                          |                                                                                                                                                                  |
| Safety Class                                                     | Degree of electrical protection Class1                                            | Class I with GND connection                                                                                                                                        |                                                                                                                                                                  |
| CE                                                               | In conformance with EMC directive 2014/30/EU and low voltage directive 2014/35/EU |                                                                                                                                                                    |                                                                                                                                                                  |
| RoHS Compliant                                                   | RoHS Directive [EU] 2015/863 Compliant [EN 50581]                                 |                                                                                                                                                                    |                                                                                                                                                                  |
| Electromagnetic Compatibility (EMC), Emissions                   | EMC, Emissions                                                                    | EN55032, EN55011, EN61000-3-2 Class A, EN61000-3-3, EN61000-6-3                                                                                                    |                                                                                                                                                                  |
| Electromagnetic Compatibility (EMC), Immunity                    | EMC, Immunity                                                                     | EN 55024, EN 61000-6-2 [EN61000-4-2, 3, 4, 5, 6, 8, 11, 12]                                                                                                        |                                                                                                                                                                  |
|                                                                  | Electrostatic Discharge [ESD]                                                     | IEC 61000-4-2 Level 4 Criteria A Air Discharge: 15kV; Contact Discharge: 8kV                                                                                       |                                                                                                                                                                  |
|                                                                  | Radiated RF field immunity [80-1000 MHz]                                          | IEC / EN 61000-4-3: 120W&240W:<br>80MHz-1GHz, 10V/M, 80% modulation [1kHz]<br>1.4GHz-2GHz, 3V/M, 80% modulation [1KHz]<br>2GHz-2.7GHz, 1V/M, 80% modulation [1KHz] | IEC / EN 61000-4-3: 480W:<br>80MHz-1GHz, 10V/ M, 80% modulation [1kHz]<br>1.4GHz-2GHz, 10V/M, 80% modulation [1KHz]<br>2GHz-2.7GHz, 10V/M, 80% modulation [1KHz] |
|                                                                  | Electrical fast transient / burst immunity                                        | IEC / EN 61000-4-4 Level 4 Criteria A 4kV                                                                                                                          |                                                                                                                                                                  |
|                                                                  | Surge immunity                                                                    | IEC / EN 61000-4-5 Level 4 Criteria A Common Mode: 4kV Differential Mode: 2kV                                                                                      |                                                                                                                                                                  |
|                                                                  | Immunity to conducted RF disturbances [0.15 to 80 MHz]                            | IEC / EN 61000-4-6 Level 3 Criteria A 150kHz-80MHz, 10Vrms                                                                                                         |                                                                                                                                                                  |
|                                                                  | Power frequency field immunity                                                    | IEC / EN 61000-4-8 30 A / m                                                                                                                                        |                                                                                                                                                                  |
|                                                                  | Voltage dips                                                                      | IEC / EN 61000-4-11[70% UN Crit. B/40%/100% UN Crit. C]                                                                                                            |                                                                                                                                                                  |
| Pollution Degree                                                 | 2                                                                                 |                                                                                                                                                                    |                                                                                                                                                                  |

To obtain the most current agency approval information, see the Agency Approval Compliance & Certifications Checklist section on the specific part number's web page.