Data sheet

# PRO PM 350W 48V 7.3A

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Due to the wide range of variants with output voltages of 5, 12, 24, and 48 V and extensive international approvals, they are suitable for use in many applications. The power range extends from 35 W to 350 W. The individual adaptability makes PRO-PM the right choice for many standard machines.

## General ordering data

| | |
|---|---|
| Version | Power supply, switch-mode power supply unit |
| Order No. | 2660200295 |
| Type | PRO PM 350W 48V 7.3A |
| GTIN (EAN) | 4050118782127 |
| Qty. | 1 items |

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# Technical data

### Approvals

| | |
|---|---|
| Approvals |  |
| ROHS | Conform |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 215 mm | Depth (inches) | 8.4645 inch |
| Height | 30 mm | Height (inches) | 1.1811 inch |
| Width | 115 mm | Width (inches) | 4.5275 inch |
| Net weight | 750 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -40 °C...85 °C | Operating temperature | -20 °C...70 °C |
| Humidity | 5...95 % RH | | |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cI |
| REACH SVHC | Lead 7439-92-1, Lead monoxide 1317-36-8 |
| SCIP | 015c3a09-4dd7-4b84-85e2-16a46fa4e79a |

### Input

| | | |
|---|---|---|
| Connection system | Screw connection | |
| AC input voltage range | 90...264 V AC | |
| Recommended back-up fuse | 6 A at 230 V AC, characteristic curve C | |
| Frequency range AC | 47...63 Hz | |
| Rated input voltage | 100...240 V AC | |
| Inrush current | max. 60 A | |
| Current consumption in relation to the input voltage | Voltage type | AC |
| | Input voltage | 230 V |
| | Input current | 3 A |
| | Voltage type | AC |
| | Input voltage | 115 V |
| | Input current | 4.8 A |
| Input electric strength, max. | AC | |
| Nominal power consumption | 407 VA | |

### Output

| | | | |
|---|---|---|---|
| Output power | 350 W | Mains failure bridge-over time | 20 ms |
| Connection system | Screw connection | Rated output voltage | 48 V DC |
| Residual ripple, breaking spikes | < 150 mVPP | Parallel connection option | Yes, with diode module |
| Overload protection | 120%...180% Inominal, hiccup mode with automatic recovery | Surge protection | 55...62 V @ 48 V DC |
| Output voltage, note | ± 10% nominal output voltage tolerance, adjustable with potentiometer | Rated current | 7.3 A |

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### General data

| | | | |
|---|---|---|---|
| Degree of efficiency | 86% | Humidity | 5...95 % RH |
| Protection degree | IP20 | Status indication | LED green: ready |
| Mounting position, installation notice | Panel mount, screw fix | Derating | > 50°C (2% / 1°C) |
| Short-circuit protection | Yes | | |

### EMC / shock / vibration

| | | | |
|---|---|---|---|
| Shock resistance IEC 60068-2-27 | 30 g in all directions | Noise emission in accordance with EN55032 | Class B |
| Interference immunity test acc. to | Burst: EN 61000-4-4 / ESD EN 61000-4-2, EN61000-4-3 (HF field), EN 61000-4-5 (surge), EN 61000-4-6 (conducted), EN61000-4-8 (Fields), EN 61000-4-11 (Dips) | Vibration resistance IEC 60068-2-6 | 10...500 Hz, constant acceleration 5 g, 10 minutes/cycle, 60 minutes/axis |

### Insulation coordination

| | | | |
|---|---|---|---|
| Insulation voltage, input/output | 3 kV | Insulation voltage input / earth | 2 kV |
| Insulation voltage output / earth | 0.5 kV | | |

### Electrical safety (applied standards)

| | |
|---|---|
| Safety extra-low voltage | SELV acc. to IEC 60950-1, PELV according to EN 60204-1 |

### Connection data (input)

| | | | |
|---|---|---|---|
| Connection system | Screw connection | Conductor cross-section, AWG/kcmil , max. | 12 |
| Conductor cross-section, AWG/kcmil , min. | 21 | Conductor cross-section, rigid , max. | 4 mm² |
| Conductor cross-section, rigid , min. | 0.34 mm² | | |

### Connection data (output)

| | | | |
|---|---|---|---|
| Connection system | Screw connection | Conductor cross-section, AWG/kcmil , max. | 12 |
| Conductor cross-section, AWG/kcmil , min. | 21 | Conductor cross-section, rigid , max. | 4 mm² |
| Conductor cross-section, rigid , min. | 0.34 mm² | | |

### Signalling

| | |
|---|---|
| Status indication | LED green: ready |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002540 | ETIM 7.0 | EC002540 |
| ETIM 8.0 | EC002540 | ETIM 9.0 | EC002540 |
| ETIM 10.0 | EC002540 | ECLASS 9.0 | 27-04-07-01 |
| ECLASS 9.1 | 27-04-07-01 | ECLASS 10.0 | 27-04-07-01 |
| ECLASS 11.0 | 27-04-07-01 | ECLASS 12.0 | 27-04-07-01 |
| ECLASS 13.0 | 27-04-07-01 | ECLASS 14.0 | 27-04-07-01 |
| ECLASS 15.0 | 27-04-07-01 | | |