

**PRO PM 350W 48V 7.3A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">2660200295</a>                  |
| Type       | PRO PM 350W 48V 7.3A                        |
| GTIN (EAN) | 4050118782127                               |
| Qty.       | 1 pc(s).                                    |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 215 mm | Depth (inches)  | 8.465 inch |
| Height     | 30 mm  | Height (inches) | 1.181 inch |
| Width      | 115 mm | Width (inches)  | 4.528 inch |
| Net weight | 750 g  |                 |            |

## Temperatures

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

## Input

|                                                      |                                         |       |
|------------------------------------------------------|-----------------------------------------|-------|
| AC input voltage range                               | 90...264 V AC                           |       |
| Connection system                                    | Screw connection                        |       |
| 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 |
| Frequency range AC                                   | 47...63 Hz                              |       |
| Inrush current                                       | max. 60 A                               |       |
| Nominal power consumption                            | 407 VA                                  |       |
| Rated input voltage                                  | 100...240 V AC                          |       |
| Recommended back-up fuse                             | 6 A at 230 V AC, characteristic curve C |       |

## Output

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

## General data

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

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## EMC / shock / vibration

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

## Insulation coordination

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

## Electrical safety (applied standards)

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

## Connection data (input)

|                                              |                   |                                              |                      |
|----------------------------------------------|-------------------|----------------------------------------------|----------------------|
| Conductor cross-section, AWG/kcmil ,<br>max. | 12                | Conductor cross-section, AWG/kcmil ,<br>min. | 21                   |
| Conductor cross-section, rigid , max.        | 4 mm <sup>2</sup> | Conductor cross-section, rigid , min.        | 0.34 mm <sup>2</sup> |
| Connection system                            | Screw connection  |                                              |                      |

## Connection data (output)

|                                              |                   |                                              |                      |
|----------------------------------------------|-------------------|----------------------------------------------|----------------------|
| Conductor cross-section, AWG/kcmil ,<br>max. | 12                | Conductor cross-section, AWG/kcmil ,<br>min. | 21                   |
| Conductor cross-section, rigid , max.        | 4 mm <sup>2</sup> | Conductor cross-section, rigid , min.        | 0.34 mm <sup>2</sup> |
| Connection system                            | Screw connection  |                                              |                      |

## Signalling

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002540    | ETIM 7.0    | EC002540    |
| ETIM 8.0    | EC002540    | ETIM 9.0    | 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 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 Lead oxide 1317-36-8  |
| SCIP       | 015c3a09-4dd7-4b84-85e2-16a46fa4e79a |

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# Technical data

## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Con-  
formity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)