

# PRO-PM – the efficient plate mounted power supply solution

## Powering simple automation applications

A

Simple machines and automation applications require standard power supply solutions with basic functionalities. The new power supplies of the PRO-PM series offer an excellent price/performance ratio and are designed for reliable DC control voltage.

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.

### Your special advantages:

- Especially compact and robust metal housing
- Wide temperature range from -20°C to +70°C – for almost all industrial applications
- Certified according to CE, CCC, and cURus for universal worldwide use



**Compact design**

The low height of only 30 mm saves space and reduces overall system costs

**Wide range of applications**

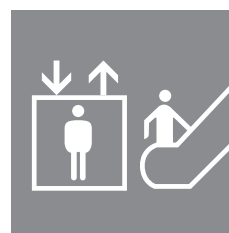
The wide temperature range from - 20°C to +70°C as well as international certificates such as CE, cURus, CCC etc. ensure reliable operation worldwide.



**Especially economic**

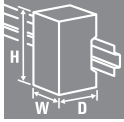
Thanks to the new „Design-to-Cost“ concept, PRO-PM power supplies offer a particularly favourable price/performance ratio.

**Optimal for:**



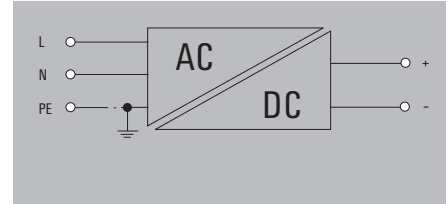
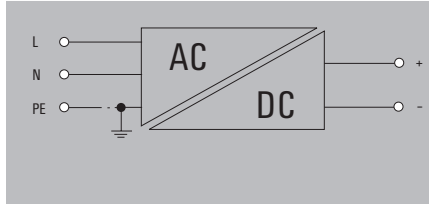
**connectPower PRO-PM**

**connectPower PRO-PM**



**PRO PM 35W 5V 7A**

**PRO PM 35W 12V 3A**



**Technical data**

<b>Input</b>	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	5 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	7 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	5.6...6.8 V @ 5 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	82 %
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	223 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

<b>Input</b>	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	3 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	220 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

<b>Input</b>	
Input voltage range AC	90...264 V AC
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Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	3 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	220 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

**Note**

**Ordering data**

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Type	Qty.	Order No.
PRO PM 35W 5V 7A	1	2660200277

Type	Qty.	Order No.
PRO PM 35W 12V 3A	1	2660200278

**Note**

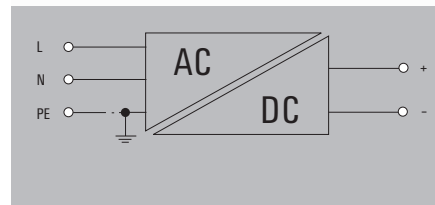
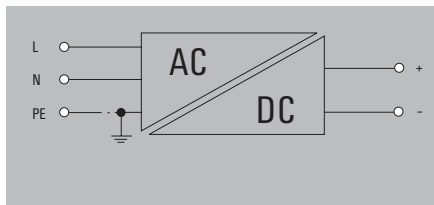
The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

connectPower PRO-PM

PRO PM 35W 24V 1.5A

PRO PM 35W 48V 0.75A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	1.5 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	223 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	0.75 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	223 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

Input	
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Rated input voltage	100...240 V AC
Recommended back-up fuse	2 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	0.75 A
Output power	35 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	223 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 82 / 30 mm

Note

Note

Note

Ordering data

Type	Qty.	Order No.
PRO PM 35W 24V 1.5A	1	2660200279

Type	Qty.	Order No.
PRO PM 35W 24V 1.5A	1	2660200279

Type	Qty.	Order No.
PRO PM 35W 48V 0.75A	1	2660200280

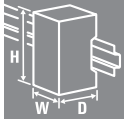
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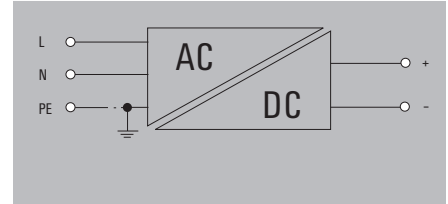
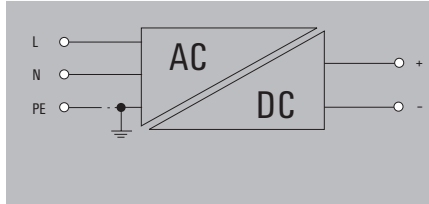
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**connectPower PRO-PM**



**PRO PM 75W 5V 14A**

**PRO PM 75W 12V 6A**



**Technical data**

<b>Input</b>	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	5 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	14 A
Output power	75 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	5.6...6.8 V @ 5 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	82 %
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	240 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 97 / 30 mm

<b>Input</b>	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	6 A
Output power	75 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	240 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 97 / 30 mm

<b>Input</b>	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
<b>Output</b>	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	6 A
Output power	75 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
<b>General data</b>	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	240 g
Approvals	CE; cULus; CCC
<b>Screw connection</b>	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 97 / 30 mm

**Note**

**Ordering data**

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Type	Qty.	Order No.
PRO PM 75W 5V 14A	1	2660200281

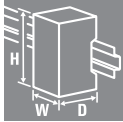
Type	Qty.	Order No.
PRO PM 75W 12V 6A	1	2660200282

**Note**

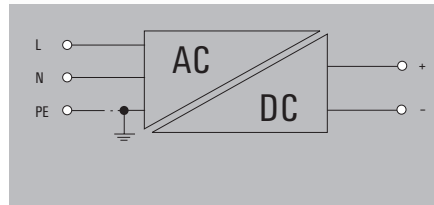
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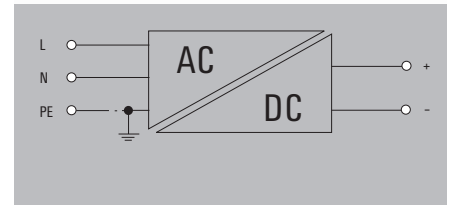
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PRO PM 75W 24V 3.2A



PRO PM 75W 48V 1.6A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	3.2 A
Output power	75 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	240 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	99 / 97 / 30 mm

90...264 V AC
47...63 Hz
100...240 V AC
4 A at 230 V AC, characteristic curve C
24 V DC
± 10% nominal output voltage tolerance, adjustable with potentiometer
3.2 A
75 W
> 50°C (2% / 1°C)
< 100 mV <sub>pp</sub>
120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
28...32 V @ 24 V DC
20 ms
Yes, with diode module
-20 °C...70 °C
-40 °C...85 °C
5...95 % RH
86%
LED green: ready
Panel mount, screw fix
240 g
CE; cULus; CCC
0.34 / 4 mm <sup>2</sup>
99 / 97 / 30 mm

90...264 V AC
47...63 Hz
100...240 V AC
4 A at 230 V AC, characteristic curve C
48 V DC
± 10% nominal output voltage tolerance, adjustable with potentiometer
1.6 A
75 W
> 50°C (2% / 1°C)
< 150 mV <sub>pp</sub>
120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
55...62 V @ 48 V DC
20 ms
Yes, with diode module
-20 °C...70 °C
-40 °C...85 °C
5...95 % RH
86%
LED green: ready
Panel mount, screw fix
240 g
CE; cULus; CCC
0.34 / 4 mm <sup>2</sup>
99 / 97 / 30 mm

Note

Ordering data

Type	Qty.	Order No.
PRO PM 75W 24V 3.2A	1	2660200283

Type	Qty.	Order No.
PRO PM 75W 24V 3.2A	1	2660200283

Type	Qty.	Order No.
PRO PM 75W 48V 1.6A	1	2660200284

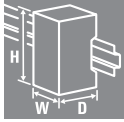
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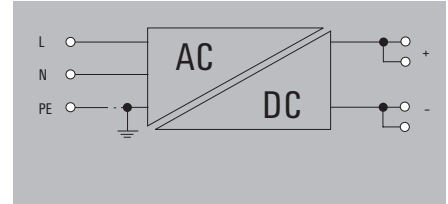
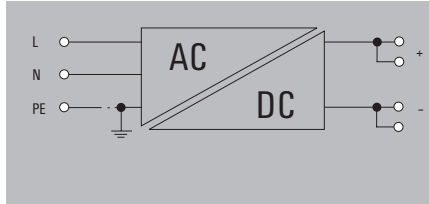
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**connectPower PRO-PM**



**PRO PM 100W 12V 8.5A**

**PRO PM 100W 24V 4.5A**



**Technical data**

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	8.5 A
Output power	100 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	330 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	129 / 97 / 30 mm

Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	4.5 A
Output power	100 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	330 g
Approvals	CE; cULus; CCC
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	129 / 97 / 30 mm

Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	4.5 A
Output power	100 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	330 g
Approvals	CE; cULus; CCC
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	129 / 97 / 30 mm

**Note**

**Note**

**Note**

**Ordering data**

Type	Qty.	Order No.
PRO PM 100W 12V 8.5A	1	2660200285

Type	Qty.	Order No.
PRO PM 100W 12V 8.5A	1	2660200285

Type	Qty.	Order No.
PRO PM 100W 24V 4.5A	1	2660200286

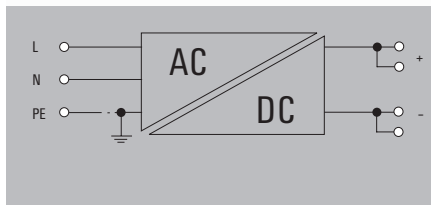
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connectPower PRO-PM

PRO PM 100W 48V 2.3A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	2.3 A
Output power	100 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	330 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	129 / 97 / 30 mm

Note

Ordering data

Type	Qty.	Order No.
PRO PM 100W 48V 2.3A	1	2660200287

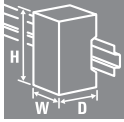
Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.



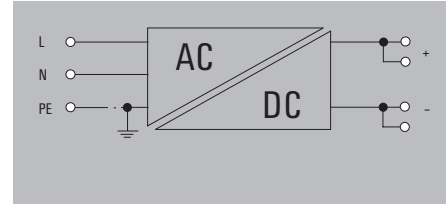
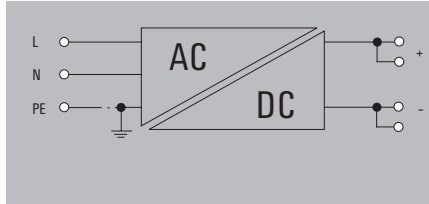
**connectPower PRO-PM**

**connectPower PRO-PM**



**PRO PM 150W 12V 12.5A**

**PRO PM 150W 24V 6.5A**



**Technical data**

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	12.5 A
Output power	150 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	394 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	159 / 97 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	6.5 A
Output power	150 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	394 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	159 / 97 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	6.5 A
Output power	150 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	394 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	159 / 97 / 30 mm

**Note**

**Ordering data**

Type	Qty.	Order No.
PRO PM 150W 12V 12.5A	1	2660200288

Type	Qty.	Order No.
PRO PM 150W 24V 6.5A	1	2660200289

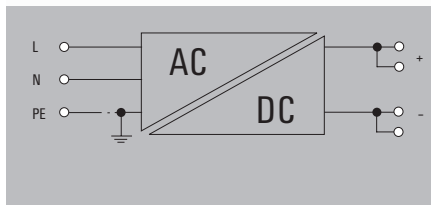
**Note**

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

connectPower PRO-PM

PRO PM 150W 48V 3.3A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	4 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	3.3 A
Output power	150 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	394 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	159 / 97 / 30 mm

Note

Ordering data

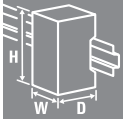
Type	Qty.	Order No.
PRO PM 150W 48V 3.3A	1	2660200290

Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

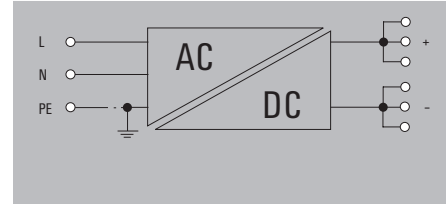
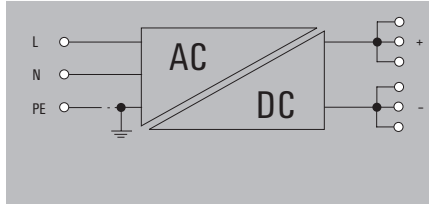
connectPower PRO-PM

connectPower PRO-PM



PRO PM 250W 12V 21A

PRO PM 250W 24V 10.5A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	12 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	21 A
Output power	250 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	13.5...16.2 V @ 12 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	84%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	736 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	10.5 A
Output power	250 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	0.84 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	10.5 A
Output power	250 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	0.84 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Note

Note

Note

Ordering data

Type	Qty.	Order No.
PRO PM 250W 12V 21A	1	2660200291

Type	Qty.	Order No.
PRO PM 250W 12V 21A	1	2660200291

Type	Qty.	Order No.
PRO PM 250W 24V 10.5A	1	2660200292

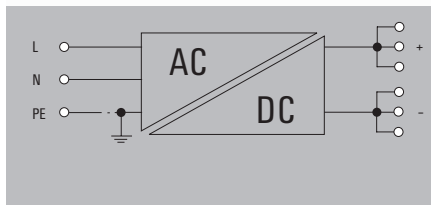
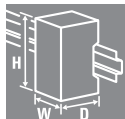
Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

connectPower PRO-PM

PRO PM 250W 48V 5.2A



Technical data

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	5.2 A
Output power	250 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	736 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Note

Ordering data

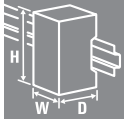
Type	Qty.	Order No.
PRO PM 250W 48V 5.2A	1	2660200293

Note

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

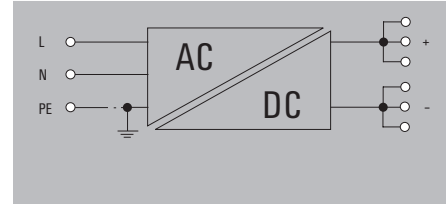
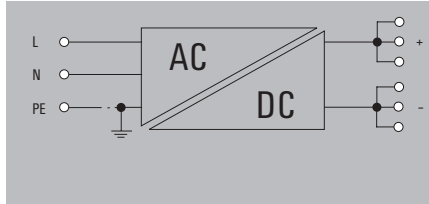
**connectPower PRO-PM**

**connectPower PRO-PM**



**PRO PM 350W 24V 14.6A**

**PRO PM 350W 48V 7.3A**



**Technical data**

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	24 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	14.6 A
Output power	350 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 100 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	28...32 V @ 24 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	750 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	7.3 A
Output power	350 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	750 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

Input	
Input voltage range AC	90...264 V AC
Frequency range AC	47...63 Hz
Rated input voltage	100...240 V AC
Recommended back-up fuse	6 A at 230 V AC, characteristic curve C
Output	
Output voltage	48 V DC
Output voltage adjustment	± 10% nominal output voltage tolerance, adjustable with potentiometer
Output current	7.3 A
Output power	350 W
Derating	> 50°C (2% / 1°C)
Residual ripple, breaking spikes	< 150 mV <sub>pp</sub>
Overload protection	120%...180% I <sub>nominal</sub> , hiccup mode with automatic recovery
Surge protection	55...62 V @ 48 V DC
Mains failure bridge-over time	20 ms
Parallel connection option	Yes, with diode module
General data	
Ambient temperature (operational)	-20 °C...70 °C
Storage temperature	-40 °C...85 °C
Humidity	5...95 % RH
Degree of efficiency	86%
Status indication	LED green: ready
Mounting position, installation notice	Panel mount, screw fix
Net weight	750 g
Approvals	CE; cULus; CCC
Screw connection	
Connection cross-section, solid, min. / max.	0.34 / 4 mm <sup>2</sup>
Depth x width x height	215 / 115 / 30 mm

**Note**

**Note**

**Note**

**Ordering data**

Type	Qty.	Order No.
PRO PM 350W 24V 14.6A	1	2660200294

Type	Qty.	Order No.
PRO PM 350W 24V 14.6A	1	2660200294

Type	Qty.	Order No.
PRO PM 350W 48V 7.3A	1	2660200295

**Note**

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.

The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.