

New!

connectPower PROeco Power Supplies

Extremely compact design and outstanding performance features

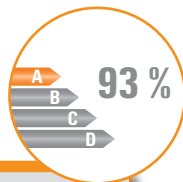
Rapid Status Diagnosis

The tricolor LED and status relay provide status and error notification during installation and use.



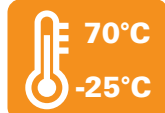
Noticeably Energy-Saving

High efficiency of up to 93%



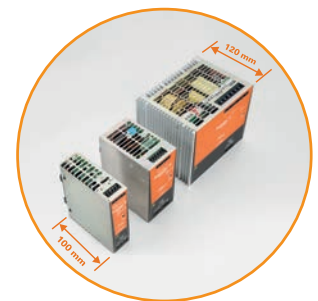
Robust and Reliable

Temperature operating range from -25 °C to +70 °C, and High MTBF of > 500,000 hours



Power Supply Solution

Configure an application specific solution with uninterruptible DC UPS, diode modules and CAP modules



Extremely Compact

The compact design saves up to 50% space in the cabinet.



Let's Connect

www.weidmuller.com

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Applications

Our PROeco switched-mode power supply units are characterized by their compact design, a high degree of efficiency and the fact that they are extremely easy to service. Thanks to over temperature protection, short-circuit and overload protection, they can be universally used in all applications.

Solutions featuring PROeco are characterized by extensive safety functions and compatibility with our diode modules, capacity modules and UPS components for setting up a redundant power supply.

Product Name	Input		Output				Additional features				Dimensions W x H x D (mm)	Approvals/marks	Part Number		
	Single phase	Three phase	AC (V)	DC (V)	DC (V)	Rated output current (A)	Rated power (W)	Status relay	Parallel connection option	LED DC OK				LED prewarning	LED fault
ProEco															
PRO ECO 72W 24V 3A	X		85..264	80...370	24	3	72	X	yes, max. 5	X	X	X	34 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469470000
PRO ECO 120W 24V 5A	X		85..264	80...370	24	5	120	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469480000
PRO ECO 240W 24V 10A	X		85..264	80...370	24	10	180	X	yes, max. 5	X	X	X	60 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469490000
PRO ECO 480W 24V 20A	X		85..264	80...370	24	20	240	X	yes, max. 3	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469510000
PRO ECO 960W 24V 40A	X		85..264	80...370	24	40	480	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469520000
PRO ECO3 120W 24V 5A		X	340...575	450...870	24	5	960	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469530000
PRO ECO3 240W 24V 10A		X	340...575	450...870	24	10	240	X	yes, max. 5	X	X	X	60 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469540000
PRO ECO3 480W 24V 20A		X	340...575	450...870	24	20	120	X	yes, max. 3	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469550000
PRO ECO3 960W 24V 40A		X	340...575	450...870	24	40	240	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469560000
PRO ECO 72W 12V 6A	X		85..264	80...370	12	6	72	X	yes, max. 5	X	X	X	34 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469570000
PRO ECO 120W 12V 10A	X		85..264	80...370	12	10	120	X	yes, max. 5	X	X	X	40 x 125 x 100	CE; TÜV (EN/IEC 60950-1); cULus	1469580000
PRO ECO 240W 48V 5A	X		85..264	80...370	48	5	240	X	yes, max. 5	X	X	X	100 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469590000
PRO ECO 480W 48V 10A	X		85..264	80...370	48	10	480	X	yes, max. 3	X	X	X	160 x 125 x 120	CE; TÜV (EN/IEC 60950-1); cULus	1469610000
Product Name	Description														
Extension Modules															
CP DM 10 (diode module)	Diode module 10A for redundancy power		10...40	$U_{IN} - 0.7$									55.5 x 125 x 110	CE; TÜV; cURus; cULus	8710620000
CP DM 20 (diode module)	Diode module 20A for redundancy power		10...40	$U_{IN} - 0.7$									55.5 x 125 x 110	CE; TÜV; cURus; cULus	8768650000
CP M DM40 (diode module)	Diode module 40A for redundancy power		18...30	$U_{IN} - 0.7$				X		X			60 x 130 x 150	CE; TÜV; cURus; cULus; GL	1222220000
CP M CAP (capacity module)	Capacitor module for MCB tripping		18...30	U_{IN}				X		X			34 x 130 x 150	CE; TÜV; cURus; cULus; GL	1222240000
CP DC UPS 24V 20A/10A (uninterruptible power supply)	DC UPS for 10/20 A		20...30	$U_{IN} - 0.2/0.3$	10/20	240/480		X	yes, max. 2	X	X	X	66 x 130 x 150	CE; TÜV; cURus; cULus; GL	1370050010
CP DC UPS 24V 40A (uninterruptible power supply)	DC UPS for 40 A		20...30	$U_{IN} - 0.2/0.3$	40	960		X	yes, max. 2	X	X	X	66 x 130 x 150	CE; TÜV; cURus; cULus; GL	1370040010

Information

Information is available for download on the web at www.weidmuller.com.

Printed catalog versions are also available and can be ordered online.

Ref. No.	Description
LIT1402	connectPower PROeco Power Supplies Datasheet
1460790000	Catalog 4.3 2014/2015

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