



***PowerPlex*® MINI MODULE**
Multifunctional Convenience



TECHNICAL INFORMATION

PowerPlex® Mini Module MM500

With the **PowerPlex®** Mini Module E-T-A sets an example for modern on-board electrical system management. Thanks to its system properties **PowerPlex®** is the perfect solution for smart electrical networks on boats and recreational vehicles. The modular concept of the intelligent bus system meets every requirement regarding flexibility and enhancement of electrical systems.

The **PowerPlex®** Mini Module can be used independently or in combination with other **PowerPlex®** components. Like all other **PowerPlex®** modules, it controls and monitors status functions, operating status and command execution of the connected loads, switches and sensors. The corresponding monitoring and alerting functions are indicated by **PowerPlex®** control panels and allow preventive action.

As standard, the **PowerPlex®** Mini Module is equipped with eight multifunctional inputs. They can be configured as digital or analogue inputs. Its multifunctionality makes it suitable for battery monitoring as well as for voltage and resistance measurement, e.g. with level sensors. Its eight module outputs are designed for lower current ratings and are ideally suited for LEDs and illumination of the ambiance. The **PowerPlex®** Mini Module features a compact size and artless design which makes it easy-to-install. The housing is mounted from the front and its downward-facing terminals provide protection class IP22 as a standard.

Multifunctionality is not a matter of size. Discover PowerPlex® and a world of smart power management, controlling and monitoring.

YOUR BENEFITS

- Compact and light
- Configurable inputs – direct connection of actuators and sensors (tank, battery, temperature)
- Freely configurable control of electrical loads
- System status control and monitoring
- Electronic overcurrent and short circuit protection
- Visualisation and intuitive operation by means of various **PowerPlex®** control panels
- Combination of modern operating elements and switches

Technical data	
Part number	PP-M-MM500-000-0-Z-00
Rated voltage	DC 12 V/24 V
Operating voltage	DC 9 ... 32 V
Current consumption	typ. 14 mA at DC 12 V typ. 10 mA at DC 24 V
max. total current per module	18 A
Degree of protection	IP22 when mounted vertically with terminals pointing downwards
Operating temperature	-40 ... +70 °C (-40 ... +158 °F)
Storage temperature	-40 ... +85 °C (-40 ... +185 °F)

Technical data	
Mass	approx. 95 g
Inputs // 8 multifunctional inputs which can be configured as:	
digital inputs:	0 ... 6 kΩ: ON; > 7 kΩ: OFF
analogue inputs for:	<ul style="list-style-type: none"> • voltage measurement • battery monitoring • resistance measurement
Outputs	8 outputs with 4 A max. cont. current

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