# *PowerP*lex® Touch Panel 7.0"
## Full control with the touch of a finger

# Technical information
## *PowerPlex*® Touch Panel 7.0"

Thanks to its system properties E-T-A's *PowerPlex®* is the perfect solution for smart electrical networks on boats and in vehicles. E-T-A's *PowerPlex®* Touch Panel 7.0" a cost-effective display providing ultramodern operation and monitoring of the on-board electrical systems. It helps enhance communication and configuration possibilities of *PowerPlex®* and can completely replace conventional panels and pointer elements. Relevant system data of electrical loads, sensors and operational statuses are processed and displayed on the customer-specific touchscreen in real time. The ON/OFF operation for all connected loads is accessible via touch operation. Various monitoring functions enable the user to proactively address issues within the system.

The *PowerPlex®* Touch Panel 7.0" has a resisitive touchscreen designed for heavy duty use. It is fully functional immediately after start-up of the electrical system. Operation is effected by pressure on the surface. Any object, even a hand with gloves can be used. The maximum resolution of the silk-mat display is 800 x 480 pixels at a light density of 400 cd/m². The touch panel can be connected to the installed *PowerPlex®* system via CAN. The housing is installed from the front which saves space in the design. The complete housing frame is encased by the front panel which is in standard accordance with protection class IP65. Upon request this can be marked with a customer-specific company logo. The *PowerPlex®* Touch Panel 7.0" completes our HMI solutions.

**Discover *PowerPlex®* and enjoy a wealth of design options and functions.**

## Technical Data

| | |
|---|---|
| Size | 7.0" with resistive touch display |
| Rated voltage | DC 12 V/DC 24 V |
| Operating voltage | 9 ... 32 V DC |
| Operating temperature | -20 ... +70 °C (-4 ... +158 °F) |
| Storage temperature | -30 ... +80 °C (-22 ... +176 °F) |
| Protection class | IP65 from the front |
| Dimensions<br> outer dimensions<br> installation dimensions | <br>215.8 x 160.7 x 14.0 mm<br>175.7 x 118.4 x 32.5 mm |
| Resolution | WVGA (800 x 480 pixels) |
| Light density | typically 400 cd/m² |
| Application memory | 16 MB |
| Interfaces | CAN to SAE J1939 250 kBits/s, Ethernet, RS 485, LIN |
| Outputs | 5 control outputs @ 100 mA |
| Mass | 550 g |

*The **PowerPlex**® Touch Panel 7.0" is a cost-effective colour touch display to exploit the full performance range of **PowerPlex**®.*

More information?
Just scan the QR code!

## Benefits:

- Compact and light-weight design
- Visualisation and intuitive operation
- High speed of response
- High touch resolution for maximum precision
- Audio output for acoustic alarms
- Freely configurable control of electrical loads
- System status control and monitoring
- Integration and display of sensor units (tank, battery, temperature)
- Combination with or replacement of panels and pointer elements

Photos: E-T-A, ©Sergey Nivens/Fotolia.com

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