

Connect DC Power

The L1 versions (Cat. No. 2711-K5 A5 A18...32V1L1, 2711-T9C1L1) of the PV300, PV300 Micro, PV550, PV600, PV900, and PV1000 terminals connect to a 24V DC power source.

The table below shows the electrical ratings for the DC versions of the terminals. Electronic circuitry and an internal fuse protect the terminals from reverse polarity and over-voltage conditions.

Terminal Type	Supply Voltage (24V DC nominal)	Power Consumption, Max
PV300 Micro	11...30V DC	2.5 W (0.105 A @ 24V DC)
PV300	18...32V DC	6 W (0.25 A @ 24V DC)
PV550	18...30V DC	18 W (0.75 A @ 24V DC)
PV550 (touch only)	18...32V DC	18 W (0.75 A @ 24V DC)
PV600	18...32V DC	24 W (1.0 A @ 24V DC)
PV600 (touch only)	18...32V DC	24 W (1.0 A @ 24V DC)
PV900M	18...30V DC	58 W (2.5 A @ 24V DC)
PV900C	18...32V DC	50 W (2.1 A @ 24V DC)
PV1000G	18...32V DC	24 W (1.0 A @ 24V DC)
PV1000C	18...32V DC	24 W (1.0 A @ 24V DC)

ATTENTION



Do not connect a DC rated PanelView terminal to an AC power source. Connecting to an AC power source may damage the terminal.

IMPORTANT

The PanelView terminals are designed for use when installed in a NEMA Type 12, 13, NEMA 4X (indoor use only), IP54 or IP65 rated enclosure.

ATTENTION



Do not power PanelView terminals from the I/O power on a controller or from DeviceNet network power. If you try to do this, the PanelView will not power up and the DeviceNet or controller power supply may be over-stressed.

ATTENTION



Use only a safety extra-low voltage (SELV) power supply as a source for the PanelView 300 Micro, PanelView 300 or 550 touch screen terminal. A SELV power supply does not exceed 42.4V DC.

Connect the power source to the terminal at the 3-screw terminal block (PV300 Micro removable and PV600 Touch only, all others fixed).

WARNING



Explosion Hazard

- Substitution of components may impair suitability for Class I, Class II, Class III, Division 2.
 - Do not replace components or disconnect equipment unless power has been switched off or the area is known to be non-hazardous.
 - Do not connect or disconnect components unless power has been switched off or the area is known to be non-hazardous.
 - This product must be installed in an enclosure. All cables connected to the product must remain in the enclosure or be protected by conduit or other means.
 - All wiring must comply with N.E.C. article 501-4(b).
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