



DORTRONICS SYSTEMS, INC.

1668 Sag Harbor Tpke. - Sag Harbor, NY 11963 - (800) 906-0137 - (631) 725-8148 Fax

Optional Features

- Power Line Cord – (Order with “xPC” suffix) A 3-conductor 6’-0” power cord is available when required. This allows the power supply to be connected to a standard 115 VAC duplex outlet by 3-prong grounded plug.
- Rechargeable Batteries – (Order with “xBAT” suffix) Includes two (2) 7-AH 12 volt rechargeable batteries and universal hook-up cables (for 12 or 24-volt back up) to connect batteries to power supply. Two batteries, each measuring 6" x 2-1/2" x 4" tall, will fit in the lower portion of the standard 12 1/8" x 16" x 4" enclosure.
- Multiple Enclosures – NEMA enclosures are available in several sizes to accommodate additional modules within the power supply enclosure:
- 12 1/8" x 16" x 4" (Standard)
 - 15" x 18" x 4" (Order with “1824” suffix) - Not evaluated by UL
 - 24" x 24" x 6" (Order with “/2424” suffix) - Not evaluated by UL
- Additional sizes can be ordered. (Call the factory for more information.)
- Remote LED Indicators – (Order with “xREM” suffix) – Not evaluated by UL. An optional LED display can be mounted on the enclosure door to provide visual indication of low battery, and DC output failure. This allows quick determination of power supply status without unlocking and opening the cabinet.
- Alarm Relay Outputs – (Order with “xAO” suffix) Form C dry contact outputs are available as an option to monitor and report abnormal power supply conditions to an independent alarm system. One set of SPDT relay outputs is triggered upon loss of 115 AC power input and a second SPDT output upon a low battery condition when operating off-line.
- Terminal Strips – (Order with “xTERM” suffix) – Not evaluated by UL. This option provides one 10-position, double row, barrier strip with screw terminals (6-1/2" long overall). Typically used to allow convenient connection of field wiring or integration of other modules for custom applications.
- Fused Power Distribution – (Order with “xFO” suffix) - Not evaluated by UL. This module provides eight individually fused outputs to prevent one shorted circuit from cutting off power to the other powered devices. The 12 or 24 volt (AC or DC) main power input is fused to 2 or 4 amps(dependent on power supply), and each of the eight outputs is individually fused to 1.6 amps. each. On-board LEDs provide visual indication of main power input and for each of the outputs. (Note this option may require a larger non-standard power supply enclosure if ordered with battery back-up or relay modules.)

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Power Distribution with Auxiliary Relay – (Order with “xFO/AUX” suffix) This module provides eight individually fused outputs with LEDs as described above plus an auxiliary control relay. This relay can be used as the fire alarm interface relay to de-activate devices connected to the outputs. This is normally used when some devices should remain powered but others should be cut-off during a fire alarm condition. The relay operating voltage is matched to the desired input voltage when the power supply is initially ordered, i.e. 24v relay used with 24VDC input. See manual for Fused Output module for additional information. (Note this option may require a larger non-standard power supply enclosure if ordered with battery back-up or relay modules.)

Isolation Relay Module – (Order with “xRO” suffix) – Not Evaluated by UL. A 4-relay module is available as an option to provide power-isolated control to powered devices. Each of the DPDT relays is equipped with one fused common and one non-fused common. See manual for Relay Output module for additional information. (Note this option may require a larger non-standard power supply enclosure if ordered with battery back-up or fused output modules.)

24/7 Programmable Timer – (Order with “x24/7-DT” suffix) – Not Evaluated by UL. A programmable seven day, twenty-four hour timer is available to control powered devices. This timer is field programmable with one NO/NC dry contact output to provide up to fifty Events.