

Power Supply



6.1 General Purpose and Sensor Power Supplies

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6.1

Power Supplies

General-Purpose and Sensor Power Supplies

Power Supplies



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Product Selection Guide

Power Supply Series and Features



PSG Series

ELC Series

easyRelay Power Series

Sensor Power Supplies

PSS Series

Features

General-purpose 12 Vdc and 24 Vdc output for 1.25 A to 40 A loads
 Single-phase and three-phase inputs up to 500 Vac
 150% power surge output
 Redundancy modules
 Buffer module
 DIN rail mount
 Rugged metal and plastic housing options
 Heavy-duty screw and finger-safe terminals
 Hazardous Location Class I, Division 2 rated models
 NEC® Class 2 rated model
 Protection from overvoltage, overcurrent and overtemperature conditions

Compact, low cost 24 Vdc control for loads up to 2 A
 Plastic enclosure can be DIN rail or panel mounted
 Single-phase (100–240 Vac) input

Low profile power supplies for 12 Vdc or 24 Vdc applications
 8 W, 30 W, 60 W or 100 W output power
 easyRelay styling provides optimal panel aesthetics
 Plastic enclosure can be DIN rail or panel mounted (with optional kit)
 CSA Class 1, Division 2 qualified
 Single-phase (100–240 Vac) input

27 Vdc supplies for tough sensor applications
 Rugged housings with integrated junction box for mounting outside of electrical enclosures
 Advanced diagnostic features

24 Vdc control for high startup loads
 Peak current surge (boost/outrush) up to 6 times nominal current
 Semi 47 approved
 Long ride-through capability
 Pluggable terminal connections
 Single-phase and three-phase inputs up to 600 Vac

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