

## Power Supply



### 6.1 General Purpose and Sensor Power Supplies

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## 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

|                                          | PSG Series                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ELC Series                                                                                                                                     | easyRelay Power Series                                                                                                                                                                                                                                                                                          | Sensor Power Supplies                                                                                                                                                       | PSS Series                                                                                                                                                                                                                                           |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Features</b>                          | General-purpose 12 Vdc and 24 Vdc output for 1.25 A to 40 A loads<br>Single-phase and three-phase inputs up to 500 Vac<br>150% power surge output<br>Redundancy modules<br>Buffer module<br>DIN rail mount<br>Rugged metal and plastic housing options<br>Heavy-duty screw and finger-safe terminals<br>Hazardous Location Class I, Division 2 rated models<br>NEC® Class 2 rated model<br>Protection from overvoltage, overcurrent and overtemperature conditions | Compact, low cost 24 Vdc control for loads up to 2 A<br>Plastic enclosure can be DIN rail or panel mounted<br>Single-phase (100–240 Vac) input | Low profile power supplies for 12 Vdc or 24 Vdc applications<br>8 W, 30 W, 60 W or 100 W output power<br>easyRelay styling provides optimal panel aesthetics<br>Plastic enclosure can be DIN rail or panel mounted (with optional kit)<br>CSA Class 1, Division 2 qualified<br>Single-phase (100–240 Vac) input | 27 Vdc supplies for tough sensor applications<br>Rugged housings with integrated junction box for mounting outside of electrical enclosures<br>Advanced diagnostic features | 24 Vdc control for high startup loads<br>Peak current surge (boost/outrush) up to 6 times nominal current<br>Semi 47 approved<br>Long ride-through capability<br>Pluggable terminal connections<br>Single-phase and three-phase inputs up to 600 Vac |
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