

S3290-RPS DC-DC Isolator for S3290-xx

Redundant Power Supply

Install Guide

The S3290-RPS adds isolation to the existing S3290-xx 2-pin terminal block input. The S3290-RPS incorporates a 14W DC-DC isolated power supply. Attaching the S3290-RPS to the existing S3290-xx products allows a redundant application where both the 12VDC barrel and the wide input 2-Pin terminal block connection can be used at the same time. The S3290-RPS also expands the terminal block input to a dual feed (two DC inputs) input.



Features

- Fully isolated to support redundant power.
- Same 21-60VDC input range as the existing terminal block of the S3290-xx.
- Supports dual feed DC inputs.
- Inputs are polarity sensitive but are protected against inadvertent reverse connection.

Power Specifications

Power Input (from customer power supply(s)):

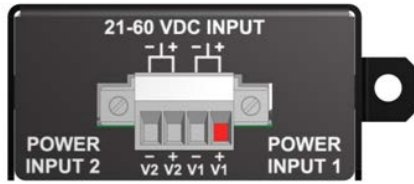
- 4-Pin terminal block
- 21-60VDC

Power output (to S3290-xx):

- 2-Pin terminal posts
- 24VDC

General Specifications

IEEE Standards & other network standards	NA
Regulatory Compliance for Emission	EN55022 Class A
Regulatory Compliance for Immunity	EN55024
Safety Compliance	NA
Power Consumption	2W
Power Source	Terminal block: 21-60VDC
Dimensions	2' x 2.65' x 1' (W x D x H)
Weight	0.30 lbs. (136.0777g)
Operating Temperature*	-20 to +65 deg. C
Storage Temperature	-40 to 85 deg. C
Altitude	0-10,000 feet (with de-rating)
Operating Humidity	5% to 95% (non-condensing)
MTBF	Greater than 449,500 MIL-HDBK-217F Hours; Greater than 1,236,150 Bellcore Hours.
Warranty	5 Year



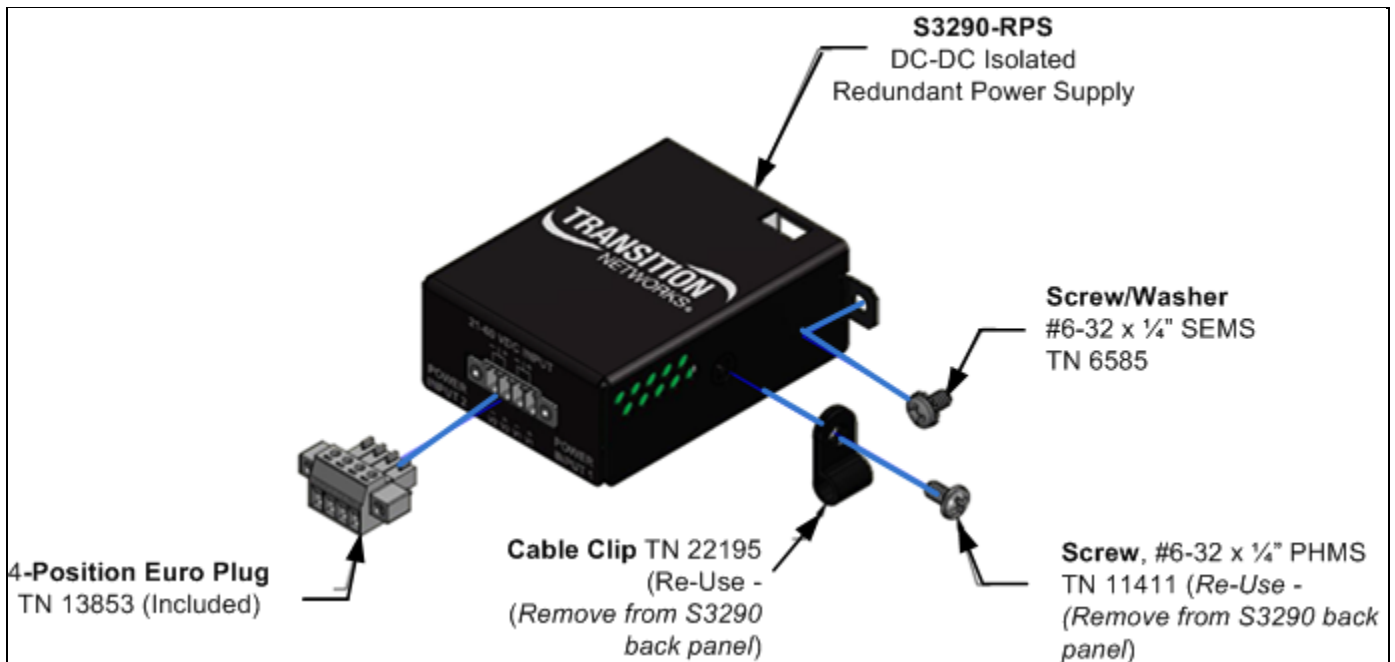
S3290-RPS



S3290-RPS Connections



S3290-RPS shown attached to a S3290-24



S3290-RPS Installation