



Description

- Isolated A and B power regions for redundancy
 - (2) PWR and (2) RTN inputs each side
 - (6) PWR and (6) RTN outputs each side
- Inputs accept common 2-hole compression lugs up to 1/0 or 2-hole flex lug up to 1 AWG
- Outputs accept Anderson PP75 quick connects
- 2 RU standard 19" rack mount chassis width, 9.75" chassis depth
- Mounting flange options available for EIA 19", 23" and ETSI standard mounting
- Pluggable circuit breaker for field install or upgrade
 - E-T-A 8340 series, Hydraulic-Magnetic, UL 1077 circuit breakers (1 - 50 A configurations available per channel)
 - E-T-A 452 series, Thermal-Magnetic, UL 1077 circuit breakers (1 - 125 A configurations available per channel)

Technical Data

Dimensions	17.50" x 3.50" x 9.25"
Rack Mounting	19", ETSI, 23" & Custom
Operating Voltage	-72 V DC to 72 V DC
Operating Temperature	- 5 °C to 55 °C
Current Carrying Capacity	450 A
Breaker Capacity	12 channels, 75 A max. per channel
Circuit Protection/Control	Thermal Magnetic - Single Pole Hydraulic Magnetic - Single Pole
Circuit Breaker	8340-G110-R1H1-A7H0-xxA 452-R1LN2-xxA
Input Terminals	2-hole lug, 1/4"-20 studs, 5/8" offset
Output Terminals	Anderson PP75
Chassis Ground	2-hole lug, 1/4"-20 studs, 5/8" offset
Hardware	1/4" kep nuts (included)
RoHs Status	Compliant
Approvals	- UL, CSA, CB Scheme Pending - Designed to meet NEBs Level 3

Standard Part Numbers

Part Number	Supply Feeds	Breakers per feed	Rack mount size	Operating Voltage	Current Carrying Capacity
X452R-S00-0572-19	4	3	19"	- 72 V DC to 72 V DC	450 A
X452R-S00-0572-ETSI			ETSI		
X452R-S00-0572-23			23"		

Schematic diagram

