



an EnerSys® company

Sidecar PDF™

Small Footprint Primary Distribution System



- 2900A and 4000A maximum distribution ampacity options available
- TPL fuse positions or large frame circuit breaker output circuit protection
- Small 12" x 25" footprint
- Direct bus connection to power plant or standalone cable options for input
- Mounts to side of Alpha® power plant systems
- Available in left and right mount configurations
- External return bus; available separately
- Alarm connections for fuse fail/breaker trip
- Up to (8) TPL fuse positions; 800A or 1200A max TPL fuse holders available
- Up to (24) Single-pole GJ breaker positions, with support for multiple breakers
- Up to (6) 3-or-4 pole GJ circuit breaker positions

The Sidecar PDF™ is a small footprint side-mounted PDF system for adding additional primary distribution to Alpha power plants.

Bus connections allow for easy connection to existing Alpha power plants without any additional cabling. Tiered internal terminations allow for easy landing and lacing of cables inside the cabinet. The system is available in left and right mount, with GJ breaker and TPL fuses for over current protection. It is also available in an optional standalone configuration featuring a top feed solution.

Sidecar PDF™ Small Footprint Primary Distribution System Specifications

Electrical	
Voltage:	-48VDC
Input Busses:	1
Total Load Current:	2900 to 4000A (configuration dependent)
Alarm Contacts:	Form-C, 60VDC @ 0.5A max
Circuits:	(8) TPL fuse circuits; or (24) 1-pole GJ breaker circuits; or (12) 2-pole GJ breaker circuits; or (6) 4-pole GJ breaker circuits

Mechanical	
Dimensions L x H x D (in/mm):	12 x 84 x 25 / 305 x 2134 x 635

Environmental	
Operating Temperature:	0 to 40°C
Humidity:	0 to 95% RH non-condensing
Elevation:	-500 to 2000m
Regulatory Compliance:	Safety: ANSI/UL 60950-1

