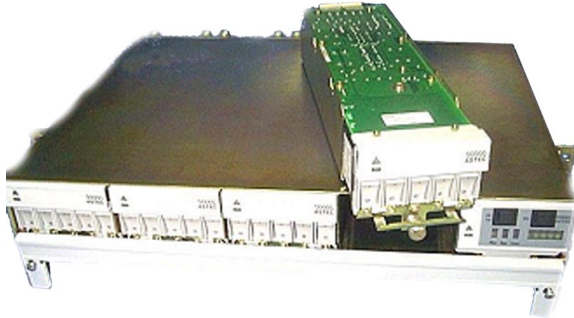


48V 400-600 Amp Breaker Panel (BIP) AP6C64AA

A breaker interface panel, also known as a power distribution unit (PDU), or frame supervisory panel (FSP), improves system power stability and provides a convenient centralized location for all customer load circuit breakers, alarms, and filtering.



Special Features

- Low profile:
 - Fits in 2U height,
 - 3.47", 88.1 mm
- 23" width
- 4 x 100 A input feeds, upgradeable to 4 x 150A input feeds
- supports A & B redundant input feeds
- 4 hot swappable Breaker Modules + one Alarm Module
- Breaker Modules available in various configurations, all come equipped with:
 - 28,200 μ F capacitor bank
 - automatic inrush current limiting
 - hot swappable, field replaceable without service interruption
- Breaker Module configurations:
 - 5A 5A 5A 5A 5A
 - 20A 20A 20A 20A 20A
 - 25A 25A 5A 25A 25A
 - 10A 5A 30A 5A 10A
 - 25A 25A 25A 25A 25A
 - 30A 30A 5A 30A 30A
 - other configurations available on request, please consult your Astec representative
- Standard Alarm module comes equipped with:
 - isolated alarm contacts
 - input feed fail alarm
 - output breaker trip alarm
 - critical, major, minor alarms
 - end aisle lamp drive
 - fully programmable, 6 bit, shelf ID
 - LED test switch
 - connections for voice and data jacks
- Enhanced, customized alarm modules available by special order

Electrical Specs

INPUT

| | |
|-------------|--|
| DC input | -40 VDC to -75 VDC |
| Transients | ANSI T1.315-1994, FTZ19, BTR2511 |
| Input feeds | 4 x 100A each 4 x 150A each (available in the future) |

OUTPUT

| | |
|---------------|--|
| DC output | 20 x 25A breakers total Four breaker modules, each with 5 x 25A breakers |
| Alarm signals | Critical, major, minor alarms |

Environmental

| | |
|------------------------------------|--|
| EMC/EMI: | No switching components, inherently EMI/EMC benign |
| ESD: | Bellcore GR-1089-CORE, ETSI 300 386-1, (15kV) |
| Operating Temperature and Humidity | -5°C to +55°C normal, 5% to 85% RH, non-condensing -8°C to +65°C short term |
| Shock and Vibration: | Bellcore GR-063-CORE and ETSI 300 019 Zone 4 earthquake |
| Fire Resistance: | UL94V-0 |

Safety

| | |
|----------|--------------|
| UL | 1950 |
| CSA | C22.2 950 |
| EN | 60850, 41003 |
| Bellcore | GR-063-CORE |

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