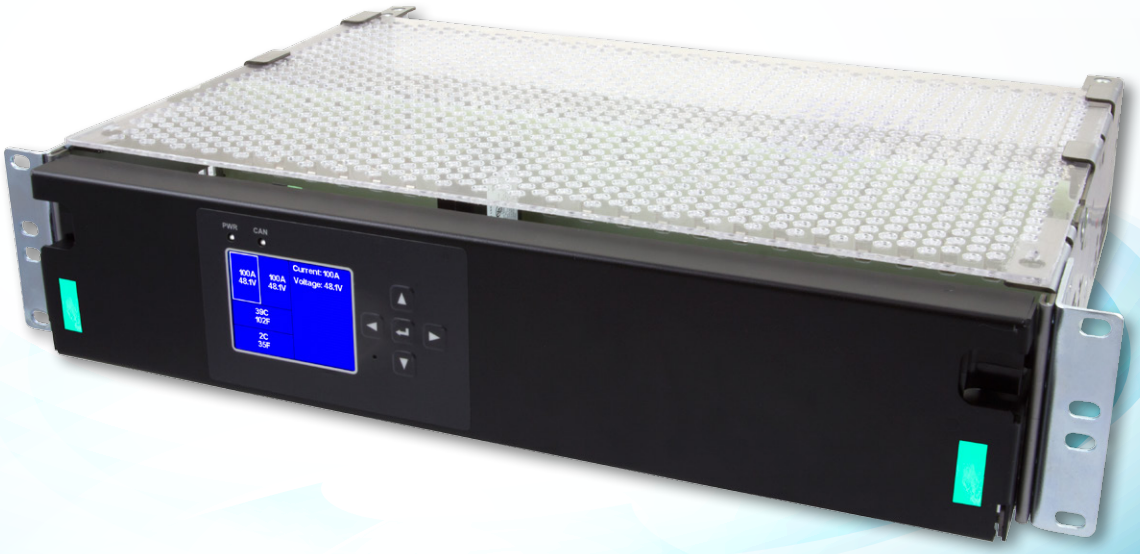
Smart E2

Remote Distribution Panel

Your Power Solutions Partner

- 2RU, 22 position, remote distribution panel for COs, MSCs and critical facilities
- Local and remote display of voltage and current per bus through an intuitive color display
- Local and remote display of per position breaker/fuse trip alarm
- Monitor individual bus currents and set overcurrent alarm thresholds
- Voltage inputs to monitor voltage drop from upstream distribution
- Monitor ambient temperature and set over temperature alarm thresholds
- CAN termination for central monitoring through CXC-HP controller (Automatically acquires panel)



Alpha's Smart E2 panel is a high density breaker panel used in central offices, cable headends and datacenters for tertiary distribution applications. The 2RU panel, designed with a split bus, offers the capability for up to 22 plug-in breaker/fuse positions in a 19" configuration. Individual 600A buses allow for maximum utilization of distribution capacity.

The Smart E2 offers options for local and remote monitoring of alarms and analog parameters via a CAN bus to a centralized controller (CXC-HP) or with IP/SNMP connectivity.

Power

Smart E2 Remote Distribution Panel

ORDERING INFORMATION	
Part Number	**Panel Description**
0917001-202	Smart E2, 19/23", 2RU, -48V, 600A Per Bus, 11A/11B Load Breakers
0917001-203	Smart E2, 19/23", 2RU, -48V, 600A Per Bus, 11A/11B Load Breakers, IP/SNMP Conn.
Part Number	**Conversion Kit Description**
0200235-511	Smart E2, VI Monitor Door Replacement Kit (For 0917001-202 & -302)
0200235-513	Smart E2, VI Monitor + IP/SNMP Conn. Door Replacement Kit (For 0917001-203 & -303)

Note 1: The vertical input connection (kit #0200235-521) is recommended when each bus is fused at 400A and above. It is capable of accepting upto 2x 750MCM cables (back to back) on the hot and return connections.
Note 2: Double pole breakers require adapter kit #0370298-001 and triple pole breakers require adapter kit #0370299-001.

NOMINAL SPECIFICATIONS		
Panel Part Number	**0917001-202**	**0917001-203**
ELECTRICAL		
Nominal voltage	±24/48 Vdc	±24/48 Vdc
Bus Capacity	600A per Bus	600A per Bus
MECHANICAL		
Dimensions	3.5"H x 19"W x 12"D	3.5"H x 19"W x 12"D
Mounting	Flush/Center	Flush/Center
CONNECTIONS		
Input (Hot and Return)	⅜" Holes on 1" Center	⅜" Holes on 1" Center
Positions	11x sets load breakers per bus (22 positions per panel)	11x sets load breakers per bus (22 positions per panel)
Output (Hot and Return)	22x sets of ¼" studs on ⅝" Centers	22x sets of ¼" studs on ⅝" Centers
	Double Pole: ⅜" Studs on 1" Centers Triple Pole: ⅜" Studs on 1" Centers	Double Pole: ⅜" Studs on 1" Centers Triple Pole: ⅜" Studs on 1" Centers
Chassis ground	¼" studs on ⅝" Center	¼" studs on ⅝" Center
CONTROLS		
Alarms	Breaker/Fuse trip: Form C contacts	Breaker/Fuse trip: Form C contacts
Monitor	Breaker/fuse trip, bus currents, bus voltages and ambient temperatures via CAN bus to CXC-HP controller	Breaker/fuse trip, bus currents, bus voltages and ambient temperatures via CXC-HP controller (IP/SNMP)
LED indicators	System Ok (Green) Breaker/Fuse Trip (Red)	System Ok (Green) Breaker/Fuse Trip (Red)
ENVIRONMENTAL		
Temprature	0 to 40°C (0 to 104°F)	0 to 40°C (0 to 104°F)
Humidity	0-95% non-condensing	0-95% non-condensing
COMPLIANCE		
Safety	CSA C22.2 No. 609050-1 UL 60950-1	CSA C22.2 No. 609050-1 UL 60950-1

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