

SPECIFICATIONS:

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# NOA-E2PW8

Access and Power Integration Solution for Azure



## NOA-E2PW8

### Access and Power Integration Solution for Azure

8-door access and power integration kit which includes Altronix power and sub-assemblies along with factory installed wire management and wire assemblies that are pre-configured with terminal blocks for Azure hardware. This unit provides ample power and dual voltage outputs to support Azure platform controllers and locking devices.

The NOA-E2PW8 accommodates one (1) 2-Door Network Controller and three (3) Downstream Reader Interface. Trove Plus simplifies field installations and provides reliable, robust critical power and control for the most demanding applications.

POWER SUPPLY / CHARGER (eFLOW104NB)	
Input Voltage	120VAC, 60Hz. 4.5A max
Input Fuse	6.3A/250V
Output Voltage	24VDC @ 10A
Output Auxiliary	1A (unswitched)
Output Protection	Overvoltage protection. Filtered and regulated
Battery Charging Capacity	7AH/12VDC (2 within enclosure), 40AH/65AH (requires separate enclosure)
Battery Charging Type	Sealed lead acid or gel type
Battery Charging Failover	Upon AC loss, instantaneous (Batteries are sold separately)
Fire Alarm Disconnect Supervised	Latching or non-latching
Fire Alarm Disconnect EOL	10K Resistor
Supervision AC Failure	Form "C" contacts
Supervision Battery	Form "C" contacts
Supervision Low DC Power Shutdown	Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply) Prevents deep battery discharge
Indicators (LED) AC Output	120VAC is present
Indicators (LED) DC Output	24VDC is present
Indicators (LED) Battery	Discharged or not connected
DUAL INPUT ACCESS POWER CONTROLLER (ACMS8CB)	
Input Voltage	24VDC from eFlow104NB and 12VDC from VR6
Input PTC's	9A
Output Voltage	<b>24VDC</b> Eight (8) independently controlled PTC outputs: a) Fail-Safe and/or Fail-Secure power outputs Form "C" Relays rated 28VAC or VDC @ 2.5A b) Auxiliary power outputs (unswitched) c) Any combination of the above
Output PTC's	2.5A
Indicators (Red LEDs)	Outputs are triggered (relays energized)
Indicators (Green LEDs)	FACP disconnect is triggered

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VOLTAGE REGULATOR (VR6)	
Input Voltage	24VDC from eFlow104NB
Output Voltage	12VDC
Output Current	6A continuous
Other	Surge suppression
Indicators (LED) Input	24VDC is present
Indicators (LED) Output	Powered
DUAL INPUT POWER DISTRIBUTION MODULE (PDS8CB)	
Input Voltage	24VDC from eFlow104NB and 12VDC from VR6
Input PTC's	9A
Output Voltage	<b>12VDC and/or 24VDC</b> <ul style="list-style-type: none"> <li>• Any of the eight (8) power outputs are selectable to follow power Input 1 or Input 2</li> <li>• Individual outputs may be set to OFF position for servicing</li> </ul>
Output PTC's	2.5A
Indicators (LED) DC Output	<b>Eight (8) individual output LEDs</b> <b>Green: 12VDC</b> <b>Red: 24VDC</b>
NOA-E2PW8 KIT	
Agency Listings	All components of this Trove kit are UL Listed sub-assemblies. Please refer to the corresponding Sub-Assembly Installation Guides for further information.
CE	European Conformity
PHYSICAL AND ENVIRONMENTAL	
Dimensions (H x W x D) Enclosure	27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)
Dimensions (H x W x D) Shipping	32.5" x 26.5" x 11.125" (825.5mm x 673.1mm x 282.6mm)
Product Weight (Approx.)	41.6lb. (18.87kg)
Shipping Weight (Approx.)	45.6lb. (20.68kg)
Operating Temperature	0°C to 49°C (32°F to 120°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	85% +/- 5%
BTU/Hr (approx.)	145 BTU/Hr.