More than just power.™

Altronix®

2016-17
PRODUCT GUIDE

More than just power.™

A leading global provider of power and transmission technologies for professional security system applications, Altronix develops innovative solutions that integrate disparate infrastructure and maximize overall performance and efficiency. New additions to our line include adaptive transmission products that facilitate network connectivity and system expansion, utilizing legacy, as well as state of the art system technology.

These enhanced solutions, along with our comprehensive line of power products and peripherals, feature the quality, reliability and unparalleled customer support that have been associated with Altronix for over 30 years.

MADE IN THE U.S.A. / LIFETIME WARRANTY

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LINEAR POWER SUPPLY/CHARGERS

Power Supply Board

AL624
- 1.2 amp @ 6VDC/12VDC
  or 0.75 amp @ 24VDC.
- 12, 16 or 24VAC input
  (refer to Transformer Pg. 170).
Board dimensions: 3"L x 2.5"W x 1.5"H

*Power Supply
with Enclosure*

AL624E
- 1.2 amp @ 6VDC/12VDC
  or 0.75 amp @ 24VDC.
- 12, 16 or 24VAC input
  (refer to Transformer Pg. 170).
- Fits one (1) 12VDC/7AH or
  two (2) 12VDC/4AH batteries.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

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Power Supply Kits

AL624-12C
- 1.2 amp @ 12VDC.
- Kit includes: one (1) AL624,
  one (1) 12VDC/4AH rechargeable battery,
  one (1) 16.5VAC/20VA Class 2 Rated
  plug-in transformer.

AL624-12CX
- 1.2 amp @ 12VDC.
- Kit includes: one (1) AL624,
  one (1) 12VDC/7AH rechargeable battery,
  one (1) 16.5VAC/20VA Class 2 Rated
  plug-in transformer.

AL624-24C
- 0.75 amp @ 24VDC.
- Kit includes: one (1) AL624,
  two (2) 12VDC/4AH rechargeable batteries,
  one (1) 24VAC/40VA Class 2 Rated
  plug-in transformer.

AL624-12C (kit)

Features:
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- PTC battery protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

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LINEAR POWER SUPPLY/CHARGERS

Power Supply Board

LPS3
• 2.5 amp @ 12VDC or 24VDC.
• 16 or 24VAC input
  (refer to Transformer Pg. 170).
Board dimensions: 4"L x 6.5"W x 2"H

Power Supply with Enclosure

LPS3-C12X
• 2.5 amp @ 12VDC.
• Includes transformer and cam lock.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

Power Supply with Enclosure

LPS3-C24X
• 2.5 amp @ 24VDC.
• Includes transformer and cam lock.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

LPS5-C12X
• 3.5 amp @ 12VDC.
• AC fail and low battery supervision.
• Includes transformer and cam lock.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

LPS5-C24X
• 3.5 amp @ 24VDC.
• AC fail and low battery supervision.
• Includes transformer and cam lock.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

Power Supply with Outdoor Enclosure

LPS3-WP12
• 2.5 amp @ 12VDC.
• NEMA 4/IP65 Rated enclosure
  for outdoor use.
• Includes transformer.
Enclosure dimensions: 12"H x 8"W x 6"D

LPS3-WP24
• 2.5 amp @ 24VDC.
• NEMA 4/IP65 Rated enclosure
  for outdoor use.
• Includes transformer.
Enclosure dimensions: 12"H x 8"W x 6"D

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Features:
• 115VAC 50/60Hz input (excludes LPS3).
• 5 amp on demand (LPS5-C12X and LPS5-C24X - 8 amp on demand).
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.
• Fused battery protection (PTC available).

• Built-in charger for sealed lead acid or gel type batteries.
• Automatic switch over to stand-by battery when AC fails.
• AC input and DC output LED indicators
• Includes battery leads.

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SUPERVISED LINEAR POWER SUPPLY/CHARGERS

LPS3AC
- 2.5 amp @ 12VDC or 24VDC.
- 5 amp on demand.
- AC fail supervision.
- Fused battery protection (PTC available).
- 16 or 24VAC input
  (refer to Transformer Pg. 170).
Board dimensions:
4"L x 6.5"W x 2"H

PM212
- 1 amp @ 12VDC.
- AC fail supervision.
- PTC battery protection.
- AC fail and low battery supervision.
- 16VAC input
  (refer to Transformer Pg. 170).
Board dimensions:
5.25"L x 2.75"W x 1.5"H

PM224
- .75 amp @ 24VDC.
- AC fail supervision.
- PTC battery protection.
- AC fail and low battery supervision.
- 24VAC input
(refer to Transformer Pg. 170).
Board dimensions:
5.25"L x 2.75"W x 1.5"H

Features:
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

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PM212

SWITCH MODE POWER SUPPLY/CHARGERS

Power Supply Board

SMP3
- 2.5 amp @ 6VDC, 12VDC or 24VDC.
- 12 to 28VAC input
  (refer to Transformer Pg. 170).

Board dimensions: 3.5"L x 3"W x 2"H

Power Supply with Enclosure

SMP3E
- 2.5 amp @ 6VDC, 12VDC or 24VDC.
- 12 to 28VAC input
  (refer to Transformer Pg. 170).
- Fits one (1) 12VDC/7AH or
  two (2) 12VDC/4AH batteries.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

Power Supply Kit

SMP3-12C
- 2.5 amp @ 12VDC.
- Kit includes: one (1) SMP3,
  one (1) 12VDC/4AH rechargeable battery &
  one (1) 16.5VAC/40VA Class 2 Rated
  plug-in transformer.

SMP3-12CX
- 2.5 amp @ 12VDC.
- Kit includes one (1) SMP3,
  one (1) 12VDC/7AH rechargeable battery &
  one (1) 16.5VAC/40VA Class 2 Rated
  plug-in transformer.

SMP3E

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Features:
- CE Approved.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

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SWITCH MODE POWER SUPPLY/CHARGERS

Power Supply Board

SMP5
- 4 amp @ 6VDC, 12VDC or 24VDC.
- 12 to 28VAC input
  (refer to Transformer Pg. 170).
Board dimensions: 3.5"L x 2.75"W x 1.75"H

SMP7
- 6 amp @ 12VDC or 24VDC.
- 16 to 28VAC input
  (refer to Transformer Pg. 170).
Board dimensions: 7"L x 4.25"W x 1.75"H

SMP10
- 10 amp @ 12VDC or 24VDC.
- 16 to 28VAC input
  (refer to Transformer Pg. 170).
Board dimensions: 7"L x 4.25"W x 2.3"H

Power Supply with Enclosure

SMP7-CTX
- 115VAC 50/60Hz. input
- 6 amp @ 12VDC or 24VDC.
- Includes transformer and cam lock.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP10-C12X
- 115VAC 50/60Hz. input
- 10 amp @ 12VDC.
- Includes transformer and cam lock.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP10-C24X
- 115VAC 50/60Hz. input
- 10 amp @ 24VDC.
- Includes transformer and cam lock.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

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Features:
- CE Approved.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup (excludes SMP5).
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

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SMP7CTX

(Batteries optional - order separately)

888.258.7669

SUPERVISED SWITCH MODE POWER SUPPLY/CHARGERS

SMP3PM
- 2.5 amp @ 12VDC or 24VDC.
- AC fail and low battery supervision.
- 16 to 28VAC input
  (refer to Transformer Pg. 170).

Board dimensions: 7"L x 4"W x 1.5"H

SMP5PM
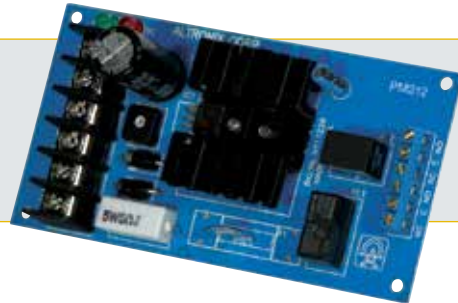- 4 amp @ 12VDC or 24VDC.
- AC fail and low battery supervision.
- 24 or 28VAC input
  (refer to Transformer Pg. 170).

Board dimensions: 7"L x 4"W x 1.55"H

SMP7PM
- 6 amp @ 12VDC or 24VDC.
- AC fail, low battery and
  battery presence supervision.
- 24 or 28VAC input
  (refer to Transformer Pg. 170).

Board dimensions: 7"L x 4"W x 1.5"H

SMP10PM
- 10 amp @ 12VDC or 24VDC.
- AC fail, low battery and
  battery presence supervision.
- 24 or 28VAC input
  (refer to Transformer Pg. 170).

Board dimensions: 7"L x 4"W x 2"H

Features:
- CE Approved.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

CE

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SMP5PM

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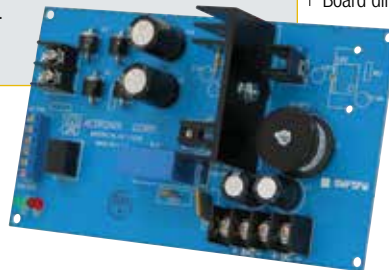
SUPERVISED SWITCH MODE POWER SUPPLY/CHARGERS WITH ENCLOSURE

SMP3PM-CTX
- Universal 115/230VAC input.
- 2.5 amp @ 12VDC or 24VDC.
- AC fail and low battery supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP5PM-CTX
- Universal 115/230VAC input.
- 4 amp @ 12VDC or 24VDC.
- AC fail and low battery supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP7PM-CTX
- 115VAC input.
- 6 amp @ 12VDC or 24VDC.
- AC fail and low battery supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP10PM-C12X
- 115VAC input.
- 10 amp @ 12VDC.
- AC fail and low battery supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

SMP10PM-C24X
- 115VAC input.
- 10 amp @ 24VDC.
- AC fail and low battery supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

Units available with power distribution modules installed - four (4), eight (8) or sixteen (16) fuse or PTC protected outputs.

SMP7PMCTX

Features:
- CE Approved.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

CE

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SUPERVISED OFF-LINE SWITCHING POWER SUPPLY/CHARGERS

OLS20
- 115VAC input.
- 1 amp @ 12VDC or 0.5 amp @ 24VDC.
- This model is not supervised.
Board dimensions: 3.1"L x 2.6"W x 1.3"H

OLS75
- Universal 115/230VAC input.
- 2.5 amp @ 12VDC or 24VDC.
Board dimensions:
7.5"L x 4.125"W x 2.125"H

OLS120
- Universal 115/230VAC input.
- 4 amp @ 12VDC or 24VDC.
Board dimensions: 7.25"L x 4.5"W x 1.75"H

OLS120D2
- Universal 115/230VAC input.
- Output Options:
  - 24VDC @ 3 amp [DC1]
  - 12VDC @ 1 amp [DC2]
  - DC1: 12/24VDC @ 4 amp (if DC2 is not used)
Board dimensions: 7.25"L x 4.5"W x 1.75"H

OLS180   CE
- CE Approved.
- 115VAC input.
- 6 amp @ 12VDC or 24VDC.
Board dimensions: 8.1"L x 4.1"W x 2.125"H
OLS180-220
- OLS180 with 220VAC input.

OLS200   CE
- CE Approved.
- 115VAC input.
- 10 amp @ 12VDC.
Board dimensions: 7.25"L x 4.5"W x 2"H
OLS200-220
- OLS200 with 220VAC input.

OLS250   CE
- CE Approved.
- 115VAC input.
- 10 amp @ 24VDC.
Board dimensions: 7.25"L x 4.5"W x 2"H
OLS250-220
- OLS250 with 220VAC input.

OLS350   CE
- CE Approved.
- 115VAC input.
- 12 amp @ 24VDC.
Board dimensions: 7.5"L x 4.5"W x 1.75"H
OLS350-220
- OLS350 with 220VAC input.

OLS250

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Features:
- AC fail and low battery supervision (excludes OLS20).
- Built-in transformer.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop upon transfer to battery backup.
- AC input and DC output LED indicators.
- Includes battery leads.

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Altronix®

power conversion modules

Voltage Regulators
and Boosters

POWER CONVERSION MODULES

Voltage Regulators

VR1T
- Converts a 24VAC or 24VDC input into a regulated 12VDC output.
- 1 amp of continuous supply current output.
- Spring terminal blocks.

VR1TM5
- Converts a 24VAC or 24VDC input into a regulated 5VDC output.
- 1 amp of continuous supply current output.
- Spring terminal blocks.

VR2T
- Converts a 24VAC or 24VDC input into a regulated 12VDC output.
- 0.5 amp of continuous supply current output.
- Spring terminal blocks.

VR3T
- Converts a 24VDC input into a regulated 12VDC output.
- 2 amp of continuous supply current output.
- Screw terminal block (removable).

VR4T
- Converts a 24VDC input into a regulated 12VDC output.
- 3 amp of continuous supply current output.
- Screw terminal block (removable).

VR5T
- Converts a 24VAC or 24VDC input into a regulated 12VDC output.
- 3 amp of continuous supply current output.
- Spring terminal blocks.
- Screw mounting.

VR5BT
VR5T w/Built-in charger for sealed lead acid or gel type batteries.

VR5BT

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Features:
- CE Approved.
- Built-in overload protection.
- Power LED indicator.
- High impact insulated housing.
- Compact design allows for integration in a wide range of camera housings.

VR1T

CE

Voltage Regulator applications:
- Power for CCTV cameras and accessories, Fiber Optic Transmitters, Rex PIR's, Prox Readers, etc.

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POWER CONVERSION MODULES

Voltage Boosters

VB1
- Converts a 12VDC-24VDC input into a regulated 24VDC output.
- 0.75 amp of continuous supply current output.
- Modular connector/cable assembly.

VB1T
- Converts a 12VDC-24VDC input into a regulated 24VDC output.
- 0.75 amp of continuous supply current output.
- Screw terminals.

VB1T

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Features: $C\epsilon$
- CE Approved.
- Built-in overload protection.
- Electronically filtered and regulated output.
- Power LED indicator.
- Compensates for voltage drop due to long wire runs.
- High impact insulated housing.
- Compact design allows for integration in a wide range of camera housings.

Voltage Booster applications:
- Power for 24VDC Access Control devices from a 12VDC power source.

LOW POWER DISCONNECT MODULE

LPD
- Low voltage cutoff:
  12VDC - 10.5 volts (+/-.3 volts)
  24VDC - 20 volts (+/- .3 volts).
- Restore voltage threshold:
  12VDC - 11.5 volts (+/-.3 volts)
  24VDC - 23 volts (+/- .3 volts).
- 12VDC or 24VDC input.
Board dimensions: 2.75"L x 2.2"W x 1"H

LPD applications:
- Security, access control, etc.

LPD

SIREN DRIVERS

ALSD1
- 6VDC or 12VDC operation.
- Parallel or series speaker wiring:
  - 113 db @ 10ft. @ 6 volts - 8 Ohms
  - 115 db @ 10ft. @ 6 volts - 4 Ohms
  - 116 db @ 10ft. @ 12 volts - 8 Ohms
  - 120 db @ 10ft. @ 12 volts - 4 Ohms
- Current draw range from .5 amp to 1.8 amp based on speaker resistance and supply voltage.
Board dimensions: 2.75"L x 1.75"W x 1.1"H

ALSD2
- 6VDC or 12VDC operation.
- Parallel or series speaker wiring:
  - 103 db @ 10 ft. @ 6 volts - 8 Ohms
  - 105 db @ 10 ft. @ 6 volts - 4 Ohms
  - 106 db @ 10 ft. @ 12 volts - 8 Ohms
  - 111 db @ 10 ft. @ 12 volts - 4 Ohms
- Current draw range from .3 amp to 1.22 amp based on speaker resistance and supply voltage.
Board dimensions: 1.75"L x 2.75"W x 1.1"H

Features:
- Two (2) channel operation (steady or yelp).
- High output.
- Very low current draw.

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ALSD1

ALSD2

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SWITCH MODE POWER SUPPLY/CHARGERS

AL125ULB
- UL Recognized for Access.
- 1 amp @ 12VDC or 24VDC.
- Two (2) Class 2 Rated power-limited outputs.
  - One (1) Fail-Safe/Fail-Secure lock output (switched).
  - One (1) auxiliary power output (unswitched).
- Access Control trigger input.
- Supervised Fire Alarm Disconnect (latching with reset or non-latching).
- AC fail supervision.
- 24VAC input *(transformer required).*
Board dimensions: 3.1"L x 3.9"W x 1.4"H

AL175ULB
- UL Recognized for Access.
- 1.75 amp @ 12VDC or 24VDC.
- Two (2) Class 2 Rated power-limited outputs.
  - One (1) Fail-Safe/Fail-Secure lock output (switched).
  - One (1) auxiliary power output (unswitched).
- Dry trigger Fire Alarm disconnect/Access Control input.
- Aux. relay output.
- AC fail supervision.
- 28VAC input *(transformer required).*
Board dimensions: 3.1"L x 5.8"W x 1.5"H

AL176ULB
- UL Recognized for Access.
- 1.75 amp @ 12VDC or 24VDC.
- Class 2 Rated power-limited output.
- AC fail and low battery supervision.
- 28VAC input.
Board dimensions: 3.1"L x 5.3"W x 1.4"H

AL400ULB
- UL Recognized for Access, Burglar Alarm, Nurse Call and Fire.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Class 2 Rated power-limited output.
- AC fail, and low battery supervision.
- 24 or 28VAC input *(transformer required).*
Board dimensions: 4.1"L x 7.1"W x 1.75"H

AL600ULB
- UL Recognized for Access and Fire.
- 6 amp @ 12VDC or 24VDC.
- non power-limited output.
- AC fail, low battery and battery presence supervision.
- Two (2) 28VAC inputs *(transformer required).*
Board dimensions:
4.3"L x 7.1"W x 2.3"H

Features:
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes battery leads.

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AL175ULB

OFF-LINE SWITCHING POWER SUPPLY/CHARGERS

AL300ULXB2
- UL Recognized for Access, Burglar Alarms, Nurse Call and Fire.
- 2.5 amp @ 12VDC or 24VDC.
- Class 2 Rated power-limited output.
Board dimensions: 4.6"L x 7.5"W x 2.7"H

AL400ULXB2
- UL Recognized for Access, Burglar Alarm, Nurse Call and Fire.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Class 2 Rated power-limited output.
Board dimensions: 4.6"L x 7.5"W x 2.7"H

AL600ULXB
- UL Recognized for Access and Fire.
- 6 amp @ 12VDC or 24VDC.
- Non power-limited output.
Board dimensions: 5.1"L x 7.8"W x 2.6"H

AL1012ULXB
- UL Recognized for Access.
- 10 amp @ 12VDC.
- Non power-limited output.
Board dimensions: 5.1"L x 7.8"W x 2.6"H

AL1024ULXB2
- UL Recognized for Access and Fire.
- Access Control Applications:
  10 amp @ 24VDC
  Fire Alarm Applications:
  8 amp @ 24VDC continuous
  with 10 amp during alarm.
- non power-limited output.
Board dimensions: 5.11"L x 8.625"W x 2.6"H

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Features:
- 115VAC 60Hz. input.
- Built-in transformer.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes battery leads.

AL400ULXB2

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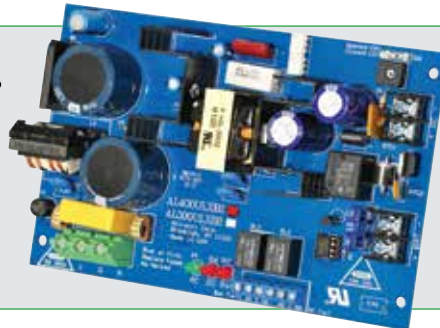
eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

eFlow3NB
- UL Recognized in the U.S. and Canada for Access Control and Burglar.
  UL Recognized in the U.S. for Fire.
- Two (2) 12VDC or 24VDC Class 2 Rated power-limited outputs:
  - Switched main (affected by fire alarm)
  - Unswitched aux. (continuous power)
- 2 amp total supply current.
Board dimensions: 4.63"L x 7.5"W x 1.75"H

eFlow4NB
- UL Recognized in the U.S. and Canada for Access Control and Burglar.
  UL Recognized in the U.S. for Fire.
- Two (2) 12VDC or 24VDC Class 2 Rated power-limited outputs:
  - Switched main (affected by fire alarm)
  - Unswitched aux. (continuous power)
- 4 amp total supply current.
Board dimensions: 4.63"L x 7.5"W x 1.75"H

eFlow6NB
- UL Recognized in the U.S. and Canada for Access Control and Burglar.
  UL Recognized in the U.S. for Fire.
- Two (2) 12VDC or 24VDC power outputs
  - Switched main (affected by fire alarm)
  - Unswitched aux. (continuous power)
- 6 amp total supply current.
Board dimensions: 4.63"L x 7.5"W x 1.75"H

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Features:
- 120VAC 60Hz. input.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection.
- Supervised Fire Alarm disconnect (latching or non-latching).
- Low power cutoff - protects stand-by batteries from deep discharge.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
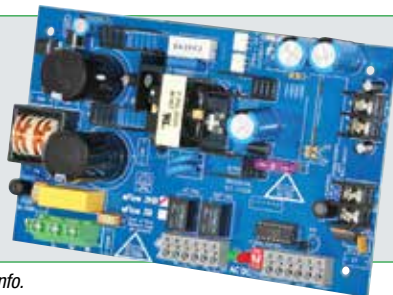
* Above models available mounted in enclosure - refer to pgs. 55-58 for further info.

EFLOW3NB

eFLOW ENHANCED POWER SUPPLY/CHARGERS

eFlow102NB
- UL Recognized in the U.S. and Canada for Access Control and Burglar. UL Recognized in the U.S. for Fire.
- Two (2) 12VDC power outputs
  - Switched main (affected by fire alarm)
  - Unswitched aux. (continuous power)
- 10 amp total supply current.
Board dimensions: 4.63"L x 7.5"W x 1.75"H

eFlow104NB
- UL Recognized in the U.S. and Canada for Access Control and Burglar. UL Recognized in the U.S. for Fire.
- Two (2) 24VDC power outputs
  - Switched main (affected by fire alarm)
  - Unswitched aux. (continuous power)
- 10 amp total supply current.
Board dimensions: 4.63"L x 7.5"W x 1.75"H

Features:
- 120VAC 60Hz. input.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection.
- Supervised Fire Alarm disconnect (latching or non-latching).
- Low power cutoff - protects stand-by batteries from deep discharge.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.

EFLOW102NB

* Above models available mounted in enclosure - refer to pgs. 58-61 for further info.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

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Altronix
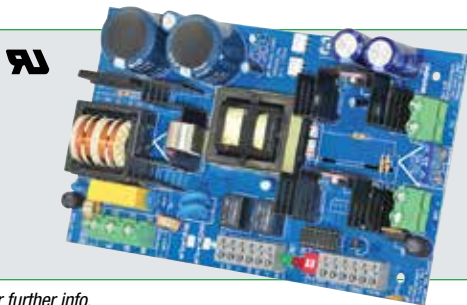
SINGLE OUTPUT POWER SUPPLY/CHARGERS

AL100UL
- UL Listed in the U.S. and Canada
  for Access Control and Burglar Alarms.
- 0.75 amp @ 12VDC.
- Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
- Plug-in transformer required.*

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL201UL
- UL Listed in the U.S. and Canada
  for Access Control and Burglar Alarms.
- 1.75 amp @ 12VDC.
- Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
- 24VAC input (transformer required)

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL176UL
- UL Listed in the U.S. and Canada
  for Access Control and Burglar Alarms.
- 115VAC 60Hz. input.
- 1.75 amp @ 12VDC or 24VDC.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL176ULX
- AL176UL with larger enclosure and cam lock.
- Fits two (2) 12VDC/7AH batteries.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

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AL201UL

Features:
- Class 2 Rated power-limited output.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC fail and low battery supervision.
- AC input and DC output LED indicators.
- Includes battery leads.

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1012 SERIES POWER SUPPLY/CHARGERS

Single Output

AL1012ULX
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Single non power-limited output.
- Fits two (2) 12VDC/12AH batteries.

Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

Four (4) Output

AL1012ULXPD4
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Four (4) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.

Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1012ULXPD4CB
- AL1012ULXPD4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Eight (8) Output

AL1012ULXPD8
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.

Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1012ULXPD8CB
- AL1012ULXPD8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

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AL1012ULXPD8CB

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1012 SERIES POWER SUPPLY/CHARGERS

Sixteen (16) Output

AL1012ULXPD16
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Sixteen (16) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL1012ULXPD16CB
- AL1012ULXPD16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

AL1012ULXPD16CB

Features:
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

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(Batteries optional - order separately)

TWO (2) OUTPUT SWITCHING POWER SUPPLY/CHARGERS

AL125UL
- UL Listed in the U.S. and Canada for Access Control.
- 1 amp @ 12VDC or 24VDC.
- Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
Enclosure dimensions:
8.5"H x 7.5"W x 3.5"D

AL125ULX
- AL125UL with larger enclosure and cam lock.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL125ULE
- UL Listed in the U.S. and Canada for Access Control.
- 1 amp @ 12VDC or 24VDC.
- Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
- 24VAC input *(refer to Transformer Pgs. 152-153).*
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL125ULP
- UL Listed in the U.S. and Canada for Access Control.
- 1 amp @ 12VDC or .5 amp @ 24VDC.
- Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
- Plug-in transformer (24VAC/40VA) included.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL125UL

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Features:
- 115VAC 60Hz. input (except for AL125ULE).
- 12VDC or 24VDC Class 2 Rated power-limited outputs.
  - One (1) Fail-Safe/Fail-Secure lock output (switched).
  - One (1) auxiliary power output (unswitched).
- Supervised Fire Alarm Disconnect (latching with reset or non-latching).
- Access Control trigger input.
- Filtered and electronically regulated output(s).

- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC fail supervision.
- AC input LED indicator on the front panel.
- Includes battery leads.

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TWO (2) OUTPUT SWITCHING POWER SUPPLY/CHARGERS

AL175UL
- UL Listed in the U.S. and Canada for Access Control. CSFM Approved.
- 1.75 amp @ 12VDC or 24VDC.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL175ULX
- AL175UL with larger enclosure and cam lock.
- Fits two (2) 12VDC/7AH batteries.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

Features:
- 115VAC 60Hz. input.
- 12VDC or 24VDC Class 2 Rated PTC protected power-limited outputs:
  - One (1) Fail-Safe/Fail-Secure lock output (switched).
  - One (1) auxiliary power output (unswitched).
- Dry trigger Fire Alarm disconnect/Access Control input.
- Aux. relay output.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AC fail supervision.
- AC input and DC output LED indicators.
- Includes battery leads.

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AL175ULX2
- UL Listed in the U.S. and Canada for Access Control. CSFM Approved.
- 1.75 amp @ 12VDC or 24VDC.
- Field selectable 12VDC (Range 10VDC - 13VDC) or 24VDC (Range 24VDC - 27VDC) outputs.
- External reset switch and power LED.
- Latching fire alarm tie-in with manual reset.
- Fits two (2) 12VDC/12AH batteries.
- Includes cam lock.

Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL175ULB application:
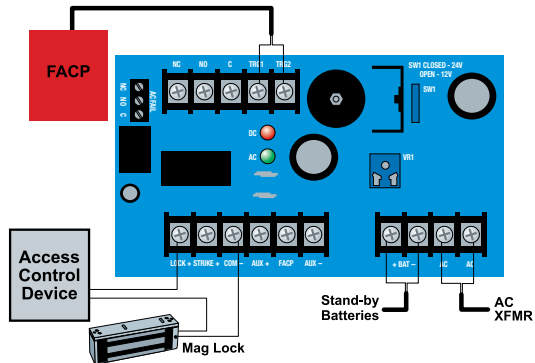
POWER SUPPLY/CHARGERS WITH FIRE ALARM INTERFACE

Five (5) Output

AL1012ULM
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Five (5) Class 2 Rated PTC protected power-limited outputs.
- Provides power for Fail-Safe and/or Fail-Secure locking devices.
- Fire Alarm Panel or Access Control System trigger inputs.
  [NO] or [NC] supervised trigger input and/or polarity reversal trigger.
- Red LED's indicate condition of each power output.
- Power & input trigger LED's.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.

- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery, and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1012ULM

(Batteries optional - order separately)

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ACCESS POWER CONTROLLERS

Four (4) Output

ACM4
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar Alarms.
- Four (4) fuse protected outputs.

Board dimensions: 5.125"L x 3.625"W x 1.25"H

ACM4E
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar. CSFM Approved.
- Four (4) fuse protected outputs.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ACM4CB
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar Alarms.
- Four (4) PTC protected outputs.

Board dimensions: 5.125"L x 3.625"W x 1.25"H

ACM4CBE
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar. CSFM Approved.
- Four (4) PTC protected outputs.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

Features:

- 12 to 24 volt AC or DC operation (setting not required).
- Power supply input options:
  a) One (1) common power input (board and lock power).
  b) Two (2) isolated power inputs (one (1) for board power and one (1) for lock/hardware power).
- Four (4) Access Control System trigger inputs.
- Input options:
  a) Four (4) normally open [NO] inputs.
  b) Four (4) open collector inputs.
  c) Any combination of the above.
- Four (4) independently controlled fuse protected outputs.
- Output options (ACM4 and ACM4E):
  a) Four (4) Fail-Safe and/or Fail-Secure power outputs.
  b) Four (4) form "C" 5 amp rated relay outputs
  c) Any combination of the above.

- Output options (ACM4CB and ACM4CBE):
  a) Four (4) Fail-Safe and/or Fail-Secure power outputs.
- Four (4) auxiliary power outputs (unswitched).
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the four (4) outputs.
- Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.
- Alarm output relay indicates that FACP input is triggered.
- Green LED indicates FACP disconnect is triggered.

* Units will operate from 12 volts to 24 volts AC or DC with a total load of 10 amp max. Output voltage is equal to the input voltage.

ACM4CB

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ACCESS POWER CONTROLLERS

Eight (8) Output

ACM8
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar Alarms.
- Eight (8) fuse protected outputs.
Board dimensions: 4.5"L x 8"W x 1.25"H

ACM8E
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar. CSFM Approved.
- Eight (8) fuse protected outputs.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

ACM8CB
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar Alarms.
- Eight (8) PTC protected outputs.
Board dimensions: 4.5"L x 8"W x 1.25"H

ACM8CBE
- UL Listed in the U.S. and Canada for Access Control, UL Listed in Canada for Burglar. CSFM Approved.
- Eight (8) Class 2 Rated PTC protected power-limited outputs.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

Features:
- 12 to 24 volt AC or DC operation (setting not required).
- Power supply input options:
  a) One (1) common power input (board and lock power).
  b) Two (2) isolated power inputs (one (1) for board power and one (1) for lock/hardware power).
- Eight (8) Access Control System trigger inputs.
- Input options:
  a) Eight (8) normally open [NO] inputs.
  b) Eight (8) open collector inputs.
  c) Any combination of the above.
- Eight (8) independently controlled fuse protected outputs.
- Output options (ACM8 and ACM8E):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
  b) Eight (8) form "C" 5 amp rated relay outputs
  c) Any combination of the above.

- Output options (ACM8CB and ACM8CBE):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
- Eight (8) auxiliary power outputs (unswitched).
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the eight (8) outputs.
- Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.
- Alarm output relay indicates that FACP input is triggered.
- Green LED indicates FACP disconnect is triggered.
- *Units will operate from 12 volts to 24 volts AC or DC with a total load of 10 amp max. Output voltage is equal to the input voltage.*

ACM8

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ACCESS POWER CONTROLLERS WITH POWER SUPPLY/CHARGERS

AL400ULACM
- UL Listed in the U.S. and Canada for Access Control and CSFM Approved.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL400ULACMCB
- AL400ULACM with Eight (8) Class 2 Rated PTC protected power-limited outputs.

30 ## AL600ULACM
- UL Listed in the U.S. and Canada for Access Control and CSFM Approved.
- 6 amp @ 12VDC or 24VDC.
- Eight (8) fuse protected non power limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL600ULACMCB
- AL600ULACM with Eight (8) Class 2 Rated PTC protected power-limited outputs.

AL1012ULACM
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 12VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL1012ULACMCB
- AL1012ULACM with Eight (8) Class 2 Rated PTC protected power-limited outputs.

* All models available in larger enclosure (add suffix "J" to model number, Ex. AL1024ULACMCBJ). These products are UL Listed only.

AL1024ULACM
- UL Listed in the U.S. and Canada for Access Control.
- 10 amp @ 24VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL1024ULACMCB
- AL1024ULACM with Eight (8) Class 2 Rated PTC protected power-limited outputs.

AL1024ULACM

ACCESS POWER CONTROLLERS WITH POWER SUPPLY/CHARGERS

ACM Series Features:

- 12 or 24 AC or DC operation (setting not required).
- Power supply input options:
  a) One (1) common power input (board and lock power).
  b) Two (2) isolated power inputs (one (1) for board power and one (1) for lock/hardware power).
- Eight (8) Access Control System trigger inputs.
- Input options:
  a) Eight (8) normally open [NO] inputs.
  b) Eight (8) open collector inputs.
  c) Any combination of the above.
- Eight (8) independently controlled fuse protected outputs.
- Output options (models with fuse protected outputs):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
  b) Eight (8) form "C" 5 amp rated relay outputs
  c) Any combination of the above.
- Output options (models with PTC protected outputs):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
- Eight (8) auxiliary power outputs (unswitched).
- ACM8 main fuse is rated @ 10 amp.
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the eight (8) outputs.
- Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.

- Alarm output relay indicates that FACP input is triggered.
- Green LED indicates FACP disconnect is triggered.
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

AL600ULACM

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Altronix

LINQ
network communication

Control, Monitor & Report
Power...Anywhere.

LINQ™ NETWORK POWER DISTRIBUTION MODULES

Upgrade, control and communicate with virtually any low voltage AC or DC power supply over the network.

LINQ8PD

- Control, monitor and report power from anywhere over the network.
- Each LINQ8PD(CB) is compatible with one (1) or two (2) AC or supervised DC power supply/chargers.
- Retrofits with exisitng power supplies.
- Output voltage is individually selectable for each of the eight (8) outputs when utilizing two (2) power supplies.
- Battery backup is selectable by output.
- Eight (8) fuse protected outputs.

LINQ8PDCB

- LINQ8PD with eight (8) PTC protected outputs.

Status Monitoring Functions:
- Input and output voltage and current monitoring
- Real time battery health monitoring
- High temperature monitoring...and more!

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Features:

- Provides local and/or remote access to critical information via LAN/WAN to help keep systems up and running at optimal levels.
- Control power output(s) locally or remotely.
- Email and SNMP trap message notifications report real-time power diagnostics.
- Event log tracks history.
- Secure Socket Layer (SSL).
- Reduces system downtime, eliminates service calls and creates RMR opportunities.
- Programmable via USB or web browser.
- Includes operating software and 6ft. USB cable.

LINQ8PD

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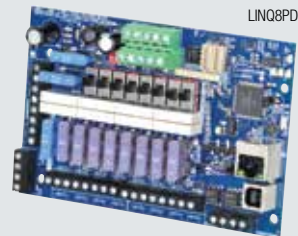
LINQ™ NETWORK COMMUNICATION MODULES

Control, Monitor and Report eFlow Power...from Anywhere.

LINQ2

- Control, monitor and report power from anywhere over the network.
- Each LINQ2 is compatible with one (1) or two (2) eFlow power supply/chargers.

Status Monitoring Functions:
- DC output voltage
- Output current draw
- AC status
- Battery status
- Unit temperature

Setup:
- Site ID identifies installation location
- Power supply/charger calibration
- DC output(s) control
- Relay control - remotely operate HVAC, lighting or security systems
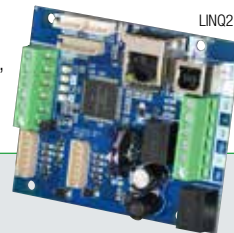
LINQ2

Features:
- Provides local and/or remote access to critical information via LAN/WAN to help keep systems up and running at optimal levels.
- Control eFlow power output(s) locally or remotely.
- Two (2) integral network controlled Form "C" Relays.
- Email and SNMP trap message notifications report real-time power diagnostics.
- Event log tracks history.
- Secure Socket Layer (SSL).
- Reduces system downtime, eliminates service calls and creates RMR opportunities.
- Programmable via USB or web browser.
- Includes operating software and 6ft. USB cable.

LINQ
DASH*BOARD

CENTRAL MANAGEMENT SOFTWARE

eFlow status view:

Features:
• Provides a single software platform for monitoring power supply status, receiving SNMP trap messages and managing settings.

• Intuitive interface allows the user to manage multiple sites with ease regardless of the number of monitored devices.

• This easy to use application is designed to work with current Altronix products that provide web based management and will also allow access to third party web based solutions such as IP cameras.

eFLOW™ ENHANCED ACCESS POWER CONTROLLERS

eFlow4NA8
- UL Listed in the U.S. for Access Control, UL Listed in Canada for Burglar Alarms, CSFM, CE Approved.
- 4 amp @ 12VDC or 24VDC.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

eFlow4NA8D
- eFlow4NA8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

eFlow6NA8
- UL Listed in the U.S. for Access Control, UL Listed in Canada for Burglar Alarms, CSFM, CE Approved.
- 6 amp @ 12VDC or 24VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

eFlow6NA8D
- eFlow6NA8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

eFlow102NA8
- UL Listed in the U.S. for Access Control, UL Listed in Canada for Burglar Alarms, CSFM, CE Approved.
- 10 amp @ 12VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

eFlow102NA8D
- eFlow102NA8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

* All models available in red enclosure (add suffix "R" to model number, e.g. eFlow4NA8DR).

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

eFlow104NA8
- UL Listed in the U.S. for Access Control, UL Listed in Canada for Burglar Alarms, CSFM, CE Approved.
- 10 amp @ 24VDC.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

eFlow104NA8D
- eFlow104NA8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

EFLOW4NA8

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eFLOW™ ENHANCED ACCESS POWER CONTROLLERS

eFlow Series
Access Power Controller Features:

- Eight (8) Access Control System trigger inputs.
- Input options:
  a) Eight (8) normally open [NO] inputs.
  b) Eight (8) open collector inputs.
  c) Any combination of the above.
- Eight (8) independently controlled fuse protected outputs.
- Output options (models with fuse protected outputs):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
  b) Eight (8) form "C" 5 amp rated relay outputs.
  c) Any combination of the above.
- Output options (models with PTC protected outputs):
  a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
- Eight (8) auxiliary power outputs (unswitched).
- ACM8 main fuse is rated @ 10 amp.
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the Sixteen (16) outputs.
- Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.

- 120VAC 60Hz. input.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Supervised Fire Alarm disconnect.
- Over voltage protection - guards against equipment damage
- Built-in charger for sealed lead acid or gel type batteries.
- Power LED visible on the enclosure door.
- AC fail supervision, battery fail & presence supervision.
- Automatic switch over to stand-by battery when AC fails. Transfer to stand-by battery power is instantaneous with no interruption.
- Low battery cutoff - prevents batteries from discharge.
- Green AC Power LED indicates 120VAC present.
- AC input and DC output LED indicators.
- Short circuit and overload protection.

Enclosure dimensions:
15.5"H x 12"W x 4.5"D

UL Listed in the U.S. and Canada for Access Control, CSFM Approved and CE Approved.

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Altronix

ıIIMAXIMAL ENHANCED ACCESS POWER CONTROLLERS

Maximal3F
• 4.6 amp @ 12VDC or 5.2 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

Maximal5F
• 8.6 amp @ 12VDC.
• Sixteen (16) fuse protected outputs.

Maximal7F
• 9.2 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

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MAXIMAL7F

Maximal11F
• *Power supply 1* / Eight (8) outputs:
  3.3 amp @ 12VDC or 3.6 amp @ 24VDC.
  Power supply 2 / Eight (8) outputs:
  3.3 amp @ 12VDC or 3.6 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

Maximal33F
• *Power supply 1* / Eight (8) outputs:
  5.3 amp @ 12VDC or 5.6 amp @ 24VDC.
  Power supply 2 / Eight (8) outputs:
  5.3 amp @ 12VDC or 5.6 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

Maximal55F
• *Power supply 1* / Eight (8) outputs:
  9.3 amp @ 12VDC.
  Power supply 2 / Eight (8) outputs:
  9.3 amp @ 12VDC.
• Sixteen (16) fuse protected outputs.

Monitor and control Maximal-F Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

Maximal75F
• *Power supply 1* / Eight (8) outputs:
  9.3 amp @ 12VDC.
  Power supply 2 / Eight (8) outputs:
  9.6 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

Maximal77F
• *Power supply 1* / Eight (8) outputs:
  9.6 amp @ 24VDC.
  Power supply 2 / Eight (8) outputs:
  9.6 amp @ 24VDC.
• Sixteen (16) fuse protected outputs.

All models available with PTC protected power-limited outputs (add suffix "D" to model number, Ex. Maximal33FD).

ENHANCED ACCESS POWER CONTROLLERS

Maximal-F Series
Access Power Controller Features:
- Sixteen (16) Access Control System trigger inputs.
- Input options:
  a) Sixteen (16) normally open [NO] inputs.
  b) Sixteen (16) open collector inputs.
  c) Any combination of the above.
- Sixteen (16) independently controlled fuse protected outputs.
- Output options (models with fuse protected outputs):
  a) Sixteen (16) Fail-Safe and/or Fail-Secure power outputs.
  b) Sixteen (16) form "C" 5 amp rated relay outputs.
  c) Any combination of the above.
- Output options (models with PTC protected outputs):
  a) Sixteen (16) Fail-Safe and/or Fail-Secure power outputs.
- Sixteen (16) auxiliary power outputs (unswitched).
- ACM8 main fuse is rated @ 10 amp.
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the Sixteen (16) outputs.
- Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.

- 120VAC 60Hz. input.
- Additional aux. power-limited output(s) rated @ 1 amp (unswitched).
- Supervised Fire Alarm disconnect.
- Over voltage protection - guards against equipment damage
- Built-in charger for sealed lead acid or gel type batteries.
- AC fail supervision, battery fail & presence supervision.
- Automatic switch over to stand-by battery when AC fails. Transfer to stand-by battery power is instantaneous with no interruption.
- Low battery cutoff - prevents batteries from discharge.
- Green AC Power LED indicates 120VAC present.
- AC input and DC output LED indicators.
- Short circuit and overload protection.
- Includes cam lock and battery leads.
Enclosure Dimensions: 27.25"H x 19"W x 6.5"D

UL Listed in the U.S. and Canada for Access Control, CSFM Approved and CE Approved.

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ıIMAXIMAL ENHANCED EXPANDABLE POWER SYSTEMS

Maximal11FE
• *Power supply 1:*
  4 amp @ 12VDC or 4 amp @ 24VDC
  Power supply 2:
  4 amp @ 12VDC or 4 amp @ 24VDC

Maximal13FE
• *Power supply 1:*
  4 amp @ 12VDC or 4 amp @ 24VDC
  Power supply 2:
  6 amp @ 12VDC or 6 amp @ 24VDC

Maximal33FE
• *Power supply 1:*
  6 amp @ 12VDC or 6 amp @ 24VDC
  Power supply 2:
  6 amp @ 12VDC or 6 amp @ 24VDC

Maximal35FE
• *Power supply 1:*
  6 amp @ 12VDC or 6 amp @ 24VDC
  Power supply 2:
  10 amp @ 12VDC

Maximal37FE
• *Power supply 1:*
  6 amp @ 12VDC or 6 amp @ 24VDC
  Power supply 2:
  10 amp @ 24VDC

Maximal55FE
• *Power supply 1:*
  10 amp @ 12VDC
  Power supply 2:
  10 amp @ 12VDC

Maximal75FE
• *Power supply 1:*
  10 amp @ 12VDC
  Power supply 2:
  10 amp @ 24VDC

Maximal77FE
• *Power supply 1:*
  10 amp @ 24VDC
  Power supply 2:
  10 amp @ 24VDC

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Monitor and control Maximal-F Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

Features:
• 120VAC 60Hz. input.
• Additional aux. power-limited output(s) rated @ 1 amp (unswitched).
• Supervised Fire Alarm disconnect.
• Over voltage protection - guards against equipment damage
• Built-in charger for sealed lead acid or gel type batteries.
• AC fail supervision, battery fail & presence supervision.
• Automatic switch over to stand-by battery when AC fails. Transfer to stand-by battery power is instantaneous with no interruption.
• Low battery cutoff - prevents batteries from discharge.
• Green AC Power LED indicates 120VAC present.
• AC input and DC output LED indicators.
• Short circuit and overload protection.
Enclosure Dimensions: 27.25"H x 19"W x 6.5"D

UL Listed in the U.S. and Canada for Access Control, CSFM Approved and CE Approved.

$_{c}$(UL)$_{us}$ (�) CE

ENHANCED EXPANDABLE POWER SYSTEMS

- Customizable with up to three (3) field-installable sub assembly modules -

MOM5

PD4UL

PD8UL

PD16W

ACM4

ACM8

(Batteries optional - order separately)
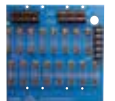
UL Listed Sub-Assembly Optional Accessory Modules:

MOM5
Five (5) Output Power Distribution Module
with Fire Alarm Interface (pg. 70)

PD4UL and PD4ULCB
Four (4) Output Power Distribution Module (pg. 168)

PD8UL and PD8ULCB
Eight (8) Output Power Distribution Module (pg. 168)

PD16W and PD16WCB
Sixteen (16) Output Power Distribution Module (pg. 168)

ACM4 and ACM4CB
Four (4) Output Access Power Controller (pg. 28)

ACM8 and ACM8CB
Eight (8) Output Access Power Controller (pg. 29)

Please visit www.altronix.com/myaltronix
(under Tech Tools and Calculators) -
Customize Your Expandable Power System
to build a Maximal system based on your requirements.

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IIMAXIMAL® RACK MOUNT ACCESS POWER CONTROLLERS

Eight (8) Output

Maximal1RH
• 4 amp @ 12VDC or 3 amp @ 24VDC.
• 2.0 amp max. current per output.
• Eight (8) fuse protected outputs.

Maximal3RH
• 6 amp @ 12VDC or 24VDC.
• 2.0 amp max. current per output.
• Eight (8) fuse protected outputs.

Sixteen (16) Output

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Maximal1R
• 4 amp @ 12VDC or 3 amp @ 24VDC.
• 2.0 amp max. current per output.
• Sixteen (16) fuse protected outputs.

Maximal3R
• 6 amp @ 12VDC or 24VDC.
• 2.0 amp max. current per output.
• Sixteen (16) fuse protected outputs.

Maximal33R
• 12 amp @ 12VDC and/or 24VDC.
• 12 amp total output current.
• 2.0 amp max. current per output.
• Sixteen (16) fuse protected outputs.

Features:
• 115VAC 50/60Hz. input

MAXIMAL3R

• Normally closed [NC] or normally open [NO] dry contact inputs (switch selectable).
• Individually selectable, Mag Lock/Strike (Fail-Safe, Fail-Secure) solid state fuse protected power outputs.
• Fire Alarm disconnect (latching with reset or non-latching) is individually selectable for any or all of the outputs.
• Fire Alarm disconnect input options:
  a) Normally open [NO] or normally closed [NC] dry contact input.
  b) Polarity reversal input from FACP signaling circuit.
• Remote reset capability for latching Fire Alarm Interface mode
• Filtered and electronically regulated outputs.
• Short circuit and thermal overload protection.
• Removable terminal blocks with locking screw flange.
• 3-wire line cord.
• Illuminated master power switch.
• Built-in charger for sealed lead acid or gel type batteries.
• Zero voltage drop upon transfer to battery backup.
• Automatic switch over to stand-by battery when AC fails.
• AC fail, low battery and battery presence supervision.
• Individual output status LEDs located on the front panel.
• 2U rack mount chassis for use in standard EIA 19" rack.

* All models available with PTC protected outputs (add suffix "D" to model number, Ex. Maximal3RD). These products are not UL Listed.
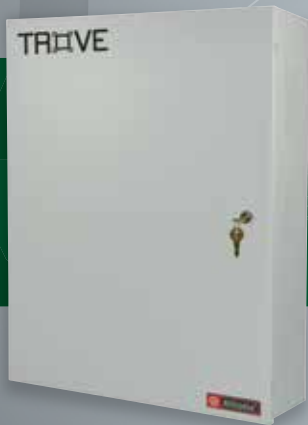
TRⓄVE™
access & power integration

Customize your access control with the industry's leading manufacturers

TRⱷVE™ ACCESS AND POWER INTEGRATION SOLUTION

*Combine Altronix power/accessories with access controllers
from the industry's leading manufacturers.*

Features:
- Trove™ enclosures let you easily integrate Altronix power with access controllers and accessories from the industry's leading manufacturers.
- Removable backplanes allow you to configure and pretest prior to on-site installation.
- Simplifies board layout and wire management.
- Reduces installation time and labor costs.
- Convenient knockout configuration.
- Accommodates up to four (4) 12VDC/12AH batteries.
- Includes cam lock, tamper switch and mounting hardware.

TROVE2 Enclosure Dimensions:
27.25"H x 21.5"W x 6.5"D
Backplane Dimensions:
25.375"H x 19.375"W x 0.5"D

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TRØVE™ ACCESS AND POWER INTEGRATION SOLUTION

*For up to 12 door
Mercury access systems*

*For up to 12 door
HID/Vertx access systems*

Trove2M2
Enclosure + Backplane

MERCURY SECURITY

- Accommodates the following Mercury boards with or without Altronix power/accessories:
  - EP1502, MR52, MR16IN, MR16OUT, EP2500, MUX8, MR51e or MR50
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove2 enclosure and one (1) removable TM2 backplane.

TM2
Backplane

- Accommodates Mercury boards with or without Altronix power/accessories
- Fits Altronix Trove2 enclosure.

TMV2 *(optional)*
Door Backplane

- Accommodates Mercury Boards for an additional 12 doors (up to 24 door system).
Door Backplane Dimensions:
23.75"H x 18"W x 0.5"D

Trove2V2
Enclosure + Backplane

HID

- Accommodates the following HID/Vertx boards with or without Altronix power/accessories:
  - V100, V200, V300, V1000 or V2000
  - Altronix Power Supplies and Sub-Assemblies
- Fits Altronix Trove2 enclosure.
- Includes Altronix Trove2 Enclosure and one (1) removable TV2 backplane.

TV2
Backplane

- Accommodates HID/Vertx boards with or without Altronix power/accessories.
- Fits Altronix Trove2 enclosure.

TMV2 *(optional)*
Door Backplane

- Accommodates HID/Vertx boards for an additional 12 doors (up to 24 door system).
Door Backplane Dimensions:
23.75"H x 18"W x 0.5"D

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* Boards not included

Altronix Ⓐ

TRⅢVE™ ACCESS AND POWER INTEGRATION SOLUTION

For up to 10 door
CDVI access systems

Trove2CV2
Enclosure + Backplane

CDVI

- Accommodates the following CDVI boards
  with or without Altronix power/accessories:
  - A22
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove2 Enclosure
  and one (1) removable TCV2 backplane

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Backplane
- Accommodates CDVI boards
  with or without Altronix
  power/accessories
- Fits Altronix Trove2 enclosure.

For up to 12 door
AMAG access systems

Trove2AM2
Enclosure + Backplane

AMAG TECHNOLOGY A G4S COMPANY

- Accommodates the following AMAG boards
  with or without Altronix power/accessories:
  - M2150-2DC, M2150-4DC, M2150-AC24/4,
    M2150-2DBC, M2150-4DBC or M2150-8DBC
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove2
  Enclosure and one (1)
  removable TAM2 backplane.

TAM2
Backplane
- Accommodates AMAG boards
  with or without Altronix
  power/accessories.
- Fits Altronix Trove2 enclosure.

* Boards not included

Altronix

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ACCESS

TROVE™ ACCESS AND POWER INTEGRATION SOLUTION

For up to 8 door
Keyscan access systems

Trove2KA2
Enclosure + Backplane

KEYSCAN
ACCESS CONTROL SYSTEMS

• Accommodates the following Keyscan
  boards with or without Altronix power/accessories:
  - OCB8, 250B, 4500B, 8500B, CIM or DPS15
  - Altronix Power Supplies and Sub-Assemblies
  - Altronix T16100 Transformer
• Includes Altronix Trove2
  Enclosure and one (1)
  removable TKA2 backplane.

TKA2
Backplane

• Accommodates Keyscan
  boards with or without
  Altronix power/accessories
• Fits Altronix Trove2 enclosure.

* Boards not included

For up to 16 door
Software House access systems

Trove2SH2
Enclosure + Backplane

SOFTWARE HOUSE

• Accommodates the following
  Software House boards with or without
  Altronix power/accessories:
  - iStar Ultra GCM or iStar Ultra ACM
  - Altronix Power Supplies
• Includes Altronix Trove2
  Enclosure and one (1) removable
  TSH2 backplane.

TSH2
Backplane

• Accommodates
  Software House
  boards with or without
  Altronix power/accessories
• Fits Altronix Trove2 enclosure.

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Altronix Ⓡ

TROVE™ ACCESS AND POWER INTEGRATION SOLUTION

Our space-saving, compact version of Trove...for smaller access systems.

Features:
- Trove™ enclosures let you easily integrate Altronix power with access controllers and accessories from the industry's leading manufacturers.
- Removable backplanes allow you to configure and pretest prior to on-site installation.
- Simplifies board layout and wire management.
- Reduces installation time and labor costs.
- Convenient knockout configuration.
- Accommodates up to two (2) 12VDC/7AH batteries.
- Includes cam lock, tamper switch and mounting hardware.
Trove1 Enclosure Dimensions: 18"H x 14.5"W x 4.625"D
Backplane Dimensions: 16.625"H x 12.5"W x 0.5"D

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* Boards not included

For up to 8 door Mercury access systems

Trove1M1
Enclosure + Backplane
- Accommodates the following Mercury boards with or without Altronix power/accessories:
  - EP1502, MR52, MR16IN or MR16OUT
  - Altronix Power Supplies and Sub-Assemblies
- Includes Altronix Trove1 Enclosure and one (1) removable TM1 backplane for Mercury/Altronix boards.

TM1
Backplane
- Accommodates Mercury boards with or without Altronix power/accessories
- Fits Altronix Trove1 enclosure.

MERCURY SECURITY

TR☐VE™ ACCESS AND POWER INTEGRATION SOLUTION

*For up to 8 door
CDVI access systems*

Trove1C1
Enclosure + Backplane

① CDVI

• Accommodates the following CDVI boards
  with or without Altronix power/accessories:
  - A22
  - Altronix Power Supplies and Sub-Assemblies
• Includes Altronix Trove1 Enclosure
  and one (1) removable TC1 backplane
  for CDVI/Altronix boards.

TC1
Backplane
• Accommodates CDVI boards
  with or without Altronix
  power/accessories.
• Fits Altronix Trove1 enclosure.

*For up to 8 door
HID/Vertx access systems*

Trove1V1
Enclosure + Backplane

HID

• Accommodates the following HID/Vertx boards
  with or without Altronix power/accessories:
  - V100, V200, V300, V1000 and V2000
  - Altronix Power Supplies and Sub-Assemblies
• Includes Altronix Trove1 Enclosure
  and one (1) removable TV1 backplane
  for Vertx/Altronix boards.

TV1
Backplane
• Accommodates HID/Vertx boards
  with or without Altronix
  power/accessories.
• Fits Altronix Trove1 enclosure.

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* Boards not included

Altronix ℞

StrikeIt®

panic device
power & control

Accommodates up to (2) high in-rush Dorma®, Dor-O-Matic®, Von Duprin® or similar panic hardware devices

StrikeIt PANIC DEVICE POWER CONTROLLER

StrikeIt1
- UL Listed in the U.S. and Canada for Access Control and CSFM Approved.
- Two (2) 20VDC to 26.4VDC individually controlled lock outputs for applications with battery backup.
  24VDC for applications without battery backup (U.S. only).
- Current rating 15 amp for 300ms, 0.75 continuous supply current.
- One (1) 20VDC to 26.4VDC aux. output rated at 0.75 amp for applications with battery backup. 24VDC for applications (in U.S.) not requiring battery backup.
- Selectable timed lock release from 1 sec. to 30 seconds.
- One (1) 12VDC filtered and regulated output rated @ 0.75 amp.
- Two (2) delayed follower relays control automatic door operators.
- Two (2) follower relays can be used to indicate doors have been released.
- Two (2) programmable Fire Alarm Disconnect options:
  a) Removes power to outputs and disables delayed follower relays.
  b) Connects power to lock outputs and enables delayed follower relays.
- LED indicators monitor: lock status, lock wiring trouble conditions (open or short circuit), FACP trigger input and battery.
- Fits two (2) 12VDC/7AH batteries.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

StrikeIt2:
- UL Listed in the U.S. and Canada for Access Control and CSFM Approved.
- One (1) 24VDC controlled lock output rated @ 16 amp for 300ms.
- One (1) 24VDC regulated auxiliary output rated @ .5 amp.
- One (1) N/O trigger input.
- LED indicates presence of 24VDC.
- Fits two (2) 12VDC/4AH batteries.

Enclosure dimensions: 8.25"H x 7.5"W x 3.5"D
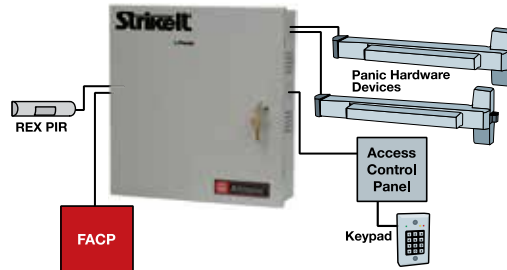
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Features:
- Designed to handle the high current surge panic hardware locking device(s) demand.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.

- Short circuit and thermal overload protection.
- AC power LED indicator.
- 115VAC 50/60Hz. input.
- Includes cam lock and battery leads.

Altronix

DISTRIBUTED CONTROL PANEL POWER UNITS

Eight (8) Output

AL168CB
• 6 amp @ 16VAC or 5.5 amp @ 18VAC.
• Eight (8) PTC protected power outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL168175CB
• 10 amp @ 16VAC.
• Eight (8) PTC protected power outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AL168300CB
• 18 amp @ 16VAC or 16 amp @ 18VAC.
• Eight (8) PTC protected power outputs.
• Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

AL168300CBM
• 18 amp @ 16VAC or 16 amp @ 18VAC.
• Eight (8) PTC protected power outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

AL168600CB
• 40 amp @ 16VAC or 36 amp @ 18VAC.
• Eight (8) PTC protected power outputs.
• Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

AL168600CB

Features:
• CE Approved.
• 115VAC 50/60Hz. input.
• Surge suppression.
• Illuminated master power switch (AL168CB has power ON/OFF switch).
• Short circuit and thermal overload protection.
• AC power LED indicator.

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TRIPLE VOLTAGE POWER SUPPLY/CHARGERS

Three (3) Output

AL400UL3
• UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CSFM Approved.
• Simultaneous power outputs:
 1.75 amp @ 5VDC, 1.75 amp @ 12VDC, and 1.5 amp @ 24VDC.
• Three (3) Class 2 Rated power-limited outputs.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

AL400UL3X
• AL400UL3 with larger enclosure.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL600UL3
• UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CSFM Approved.
• Simultaneous power outputs:
 1.75 amp @ 5VDC, 1.75 amp @ 12VDC, and 3 amp @ 24VDC.
• Three (3) total outputs:
 Class 2 Rated power-limited outputs (5VDC & 12VDC),
 non power-limited output (24VDC).
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

AL600UL3X
• AL600UL3 with larger enclosure.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

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AL600UL3

Features:
• 115VAC 60Hz. input.
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.
• Built-in charger for sealed lead acid or gel type batteries.
• Zero voltage drop upon transfer to battery backup.
• Automatic switch over to stand-by battery when AC fails.
• AC fail, low battery and battery presence supervision.
• AC input and DC output LED indicators.
• Includes cam lock and battery leads.

c(UL)us MEA Approved

(Batteries optional - order separately)

Altronix

eFLOW™
next generation
power supplies

Intelligent Power that Communicates

eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Single Output

eFlow3N
- UL Listed in the U.S. and Canada for Access Control and Burglar Alarms. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 2 amp total supply current.
- Class 2 Rated power-limited outputs.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

* For larger enclosure add suffix "X" to model number (i.e. eFlow3NX)
  Enclosure accommodates two (2) 12VDC/12AH batteries.
  Enclosure dimensions: 15.5"H x 12.23"W x 4.5"

Four (4) Output

eFlow3N4
- UL Listed in the U.S. and Canada for Access Control and Burglar Alarms. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 2 amp total supply current.
- Four (4) Class 2 Rated fuse protected power-limited outputs.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow3N4D
- eFlow3N4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

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eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Single Output

eFlow4N
- UL Listed in the U.S. and Canada for Access Control and Burglar Alarms. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 4 amp total supply current.
- Class 2 Rated power-limited outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

* For larger enclosure add suffix "X" to model number (i.e. eFlow4NX)
  Enclosure accommodates two (2) 12VDC/12AH batteries.
  Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

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Eight (8) Output

eFlow4N8
- UL Listed in the U.S. and Canada for Access Control and Burglar Alarms. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 4 amp total supply current.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow4N8D
- eFlow4N8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

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eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Single Output

eFlow6N
- UL Listed in the U.S. and Canada for Access Control and Burglar Alarms. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 6 amp total supply current.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

* For larger enclosure add suffix "X" to model number (i.e. eFlow6NX) Enclosure accommodates two (2) 12VDC/12AH batteries. Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

Eight (8) Output

eFlow6N8
- UL Listed in the U.S. and Canada for Access Control and Burglar Systems. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 6 amp total supply current.
- Eight (8) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow6N8D
- eFlow6N8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Sixteen (16) Output

eFlow6N16
- UL Listed in the U.S. and Canada for Access Control and Burglar Systems. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC or 24VDC @ 6 amp total supply current.
- Sixteen (16) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow6N16D
- eFlow6N16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

Single Output

eFlow102N
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC @ 10 amp total supply current.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

EFLOW102N8

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Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

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eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Eight (8) Output

eFlow102N8
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC @ 10 amp total supply current.
- Eight (8) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow102N8D
- eFlow102N8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

eFlow102N16
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 12VDC @ 10 amp total supply current.
- Sixteen (16) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow102N16D
- eFlow102N16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

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eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

| *Single Output* | *Eight (8) Output* |

eFlow104N
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 24VDC @ 10 amp total supply current.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

* For larger enclosure add suffix "X" to model number (i.e. eFlow104NX)
Enclosure accommodates two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"

eFlow104N8
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 24VDC @ 10 amp total supply current.
- Eight (8) fuse protected outputs.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow104N8D
- eFlow104N16 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Monitor and control eFlow Series Power Supply/Chargers with LINQ2 - Network Communication Modules (pg. 34)

eFLOW™ ENHANCED POWER SUPPLY/CHARGERS

Sixteen (16) Output

EFLOW104N16D

eFlow104N16
- UL Listed in the U.S. and Canada for Access Control and Burglar. UL Listed in the U.S. for Fire. CSFM Approved.
- 24VDC @ 10 amp total supply current.
- Sixteen (16) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

eFlow104N16D
- eFlow104N16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 120VAC 60Hz. input.
- Built-in supervised fire alarm disconnect.
- Additional aux. power-limited output rated @ 1 amp (unswitched).
- Over voltage protection - guards against equipment damage.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Low power cutoff - protects stand-by batteries from deep discharge.
- Power LED visible on the enclosure door.

- AC fail, low battery and battery presence supervision.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.

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300 SERIES POWER SUPPLY/CHARGERS

Single Output

AL300ULX
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CSFM Approved.
- 2.5 amp @ 12VDC or 24VDC.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL300ULXD $C\epsilon$
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CE Approved.
- Selectable Input 115VAC or 220VAC.
- 2.5 amp @ 12VDC or 24VDC.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

Four (4) Output

AL300ULPD4
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 2.5 amp @ 12VDC or 24VDC.
- Four (4) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL300ULPD4CB
- AL300ULPD4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Eight (8) Output

AL300ULPD8
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 2.5 amp @ 12VDC or 24VDC.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL300ULPD8CB
- AL300ULPD8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz input (except for AL300ULXD).
- Class 2 Rated power-limited output(s).
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.

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- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision (AL300ULXD has AC fail and low battery supervision only).
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

* For red enclosure add suffix "R" to model number.

300 SERIES POWER SUPPLY/CHARGERS

Sixteen (16) Output

AL300ULXPD16
- UL Listed in the U.S. and Canada for Access Control.
  UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 2.5 amp @ 12VDC or 24VDC.
- Sixteen (16) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL300ULXPD16CB
- AL300ULXPD16 with Sixteen (16) Class 2 Rated PTC protected
  power-limited outputs.

AL300ULXPD16CB

Features:
- 115VAC 60Hz. input.
- Class 2 Rated power-limited output(s).
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

* For red enclosure add suffix "R" to model number.

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(Batteries optional - order separately)

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400 SERIES POWER SUPPLY/CHARGERS

Single Output

AL400UL
- UL Listed in the U.S. and Canada for Access Control.
  UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
  CSFM Approved.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Single Class 2 Rated power-limited output.
- AC fail and low battery supervision.
Enclosure dimensions: 12.25"H x 7.5"W x 4.5"D

AL400ULX
- UL Listed in the U.S. and Canada for Access Control.
  UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
  CSFM Approved.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Single Class 2 Rated power-limited output.
- AC fail, low battery and battery presence supervision.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

* For red enclosure add suffix "R" to model number.

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AL400ULX

Features:
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

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(Batteries optional - order separately)

400 SERIES POWER SUPPLY/CHARGERS

Four (4) Output

AL400ULPD4
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Four (4) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL400ULPD4CB
- AL400ULPD4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Eight (8) Output

AL400ULPD8
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL400ULPD8CB
- AL400ULPD8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

AL400ULXPD16
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Sixteen (16) Class 2 Rated fuse protected power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL400ULXPD16CB
- AL400ULXPD16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.

* For red enclosure add suffix "R" to model number.

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- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

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600 SERIES POWER SUPPLY/CHARGERS

Single Output

AL600ULX
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CSFM Approved.
- 6 amp @ 12VDC or 24VDC.
- Single non power-limited output.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

AL600ULXD
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CE Approved.
- Selectable Input 115VAC or 220VAC.
- 6 amp @ 12VDC or 24VDC.
- Single non power-limited output.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

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AL600ULX

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Features:
- 115VAC 60Hz. input.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

* For red enclosure add suffix "R" to model number.

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(Batteries optional - order separately)

600 SERIES POWER SUPPLY/CHARGERS

Four (4) Output

AL600ULPD4
• UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire.
• 6 amp @ 12VDC or 24VDC.
• Four (4) fuse protected non power-limited outputs.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL600ULPD4CB
• AL600ULPD4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Eight (8) Output

AL600ULPD8
• UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire
• 6 amp @ 12VDC or 24VDC.
• Eight (8) fuse protected non power-limited outputs.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL600ULPD8CB
• AL600ULPD8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

AL600ULXPD16
• UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire
• 6 amp @ 12VDC or 24VDC.
• Sixteen (16) fuse protected non power-limited outputs.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL600ULXPD16CB
• AL600ULPD16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

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Features:
• 115VAC 60Hz. input.
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.
• Built-in charger for sealed lead acid or gel type batteries.
• Zero voltage drop upon transfer to battery backup.

* For red enclosure add suffix "R" to model number.

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• Automatic switch over to stand-by battery when AC fails.
• AC fail, low battery and battery presence supervision.
• AC input and DC output LED indicators.
• Includes cam lock and battery leads.

1024 SERIES POWER SUPPLY/CHARGERS

Single Output

AL1024ULX
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CSFM and FM Approved.
- 10 amp @ 24VDC supply current.
- Single non power-limited output.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

Four (4) Output

AL1024ULXPD4
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire.
- 10 amp @ 24VDC supply current.
- Four (4) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1024ULXPD4CB
- AL1024ULXPD4 with Four (4) Class 2 Rated PTC protected power-limited outputs.

Eight (8) Output

AL1024ULXPD8
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire.
- 10 amp @ 24VDC supply current.
- Eight (8) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1024ULXPD8CB
- AL1024ULXPD8 with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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AL1024ULXPD8

Features:
- 115VAC 60Hz. input.
- 8 amp @ 24VDC supply current with 10 amp during alarm for fire alarm applications.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

For red enclosure add suffix "R" to model number.

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(Batteries optional - order separately)

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1024 SERIES POWER SUPPLY/CHARGERS

Sixteen (16) Output

AL1024ULXPD16
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire.
- 10 amp @ 24VDC supply current.
- Sixteen (16) fuse protected non power-limited outputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

AL1024ULXPD16CB
- AL1024ULXPD16 with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

AL1024ULXPD16

Features:
- 115VAC 60Hz. input.
- 8 amp @ 24VDC supply current with 10 amp during alarm for fire alarm applications.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

For red enclosure add suffix "R" to model number.

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(Batteries optional - order separately)

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POWER DISTRIBUTION MODULE WITH FIRE ALARM INTERFACE

MOM5
- UL Listed Sub-Assembly in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire.
- Current limit is 2 amp @ 12VDC or 24VDC per output.
- Five (5) Class 2 Rated PTC protected power-limited outputs.

Board dimensions: 3.5"L x 5.25"W x 1"H

MOM5C
- UL Listed Sub-Assembly in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CSFM Approved.
- Current limit is 2 amp @ 12VDC or 24VDC per output.
- Five (5) Class 2 Rated PTC protected power-limited outputs.

Enclosure dimensions: 8.5"H x 7.25"W x 3.5"D

Features:
- Provides power for Fail-Safe and/or Fail-Secure locking devices.
- Fire Alarm Panel or Access Control System trigger inputs. [NO] or [NC] supervised trigger input and/or polarity reversal trigger.
- Red LED's indicate condition of each power output.
- Power & input trigger LED's.

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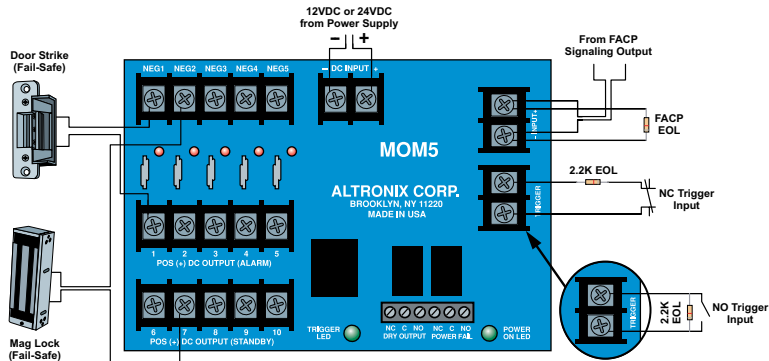
POWER SUPPLY/CHARGERS WITH FIRE ALARM INTERFACE

Five (5) Output

AL300ULM
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CSFM Approved.
- 2.5 amp @ 12VDC or 24VDC.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL400ULM
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Burglar Alarms, Fire and Nurse Call. CSFM Approved.
- 4 amp @ 12VDC or 3 amp @ 24VDC.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL600ULM
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CSFM Approved.
- 6 amp @ 12VDC or 24VDC.
- Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

AL1024ULM
- UL Listed in the U.S. and Canada for Access Control. UL Listed in the U.S. for Fire. CSFM Approved.
- Access Control Applications: 10 amp @ 24VDC supply current. Fire Alarm Applications: 8 amp @ 24VDC supply current with 10 amp during alarm.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

* For red enclosure add suffix "R" to model number.

AL600ULM

(Batteries optional - order separately)

Features:
- Five (5) Class 2 Rated PTC protected power-limited outputs.
- Provides power for Fail-Safe and/or Fail-Secure locking devices.
- Fire Alarm Panel or Access Control System trigger inputs. [NO] or [NC] supervised trigger input and/or polarity reversal trigger.
- Red LED's indicate condition of each power output.
- Power & input trigger LED's.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Zero voltage drop upon transfer to battery backup.
- Automatic switch over to stand-by battery when AC fails.
- AC fail, low battery, and battery presence supervision.
- AC input and DC output LED indicators.
- Includes cam lock and battery leads.

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ENTRADA™

FACP adapters for IP door controllers

Facilitates FACP interface / emergency egress over the same cable.

FACP ADAPTERS FOR NETWORK IP DOOR CONTROLLERS

Entrada2DMK (kit)

- UL Listed in the U.S. and Canada for Access Control, and Information Technology Equipment, CSFM and CE Approved.
- Facilitates the release of locking devices in the event of a fire alarm condition without the added costs of running additional cables and having to deploy more power supplies and fire relays.
- Supervised (N.O. or N.C.) fire alarm disconnect releases locking devices while maintaining PoE to the network door controller(s).
- A single FACP connection links multiple units.
- Fire Alarm Disconnect is selectable by output.

- Power outputs are selectable for 12VDC or 24VDC mag locks or strikes.
- Total current available: 1250mA @ 12VDC or 625mA @ 24VDC.
- Two (2) independent 12VDC-24VDC access control trigger inputs.
- PoE+ (802.3at) compliant.
- Built-in overload protection.
- Electronically filtered and regulated outputs.
- Transmitter provides power and data for network door controllers.
- Includes one (1) Entrada2DMR Receiver and one (1) Entrada2DMT Transmitter.

TYPICAL APPLICATION:

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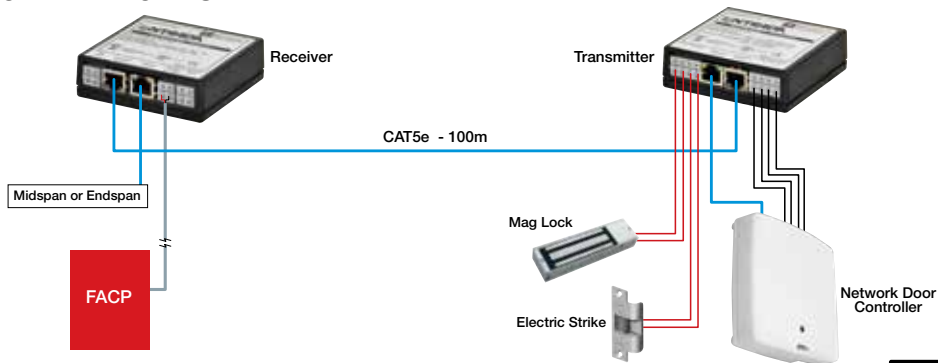
FIRESWITCH®
networked
NAC power

Outputs are programmable for
8 Class B, 4 Class A or Aux Power

*FIRE*SWITCH® NETWORKED NAC POWER EXTENDERS

FireSwitch108
- UL Listed in the U.S. and Canada for Fire, CSFM Approved.
- 24VDC voltage regulated power-limited NAC outputs.
- Power outputs are programmable as:
  - Eight (8) Class B NAC outputs
  - Four (4) Class A NAC outputs
  - Aux. power outputs
  - Any combination of the above.
- 2.5 amp max current per output.
- One (1) Aux. output rated at 1 amp.

- Output power:
  10 amp max total alarm current
  7 amp max stand-by without battery backup
  1 amp with battery backup including dedicated aux. output
- Two (2) configurable inputs trigger via Class A or Class B FACP signal circuits (polarity reversal) or dry contacts.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

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Features:
- LCD display and ethernet port facilitates local or remote programming and status monitoring.
- EOL resistor value programmable by output.
- Battery presence and low battery supervision.
- Signal circuit trouble memory - facilitates quickly locating intermittent system trouble and eliminates costly and unnecessary service calls.
- 2-wire horn/strobe sync mode allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate.
- Built-in Cooper®, Gentex®, Potter® and System Sensor® sync protocols.

- Temporal Code 3, Steady Mode, Input to Output Follower Mode.
- Temporal Code 4 for system CO alarms.
- Thermal and short circuit protection with auto reset.
- Compatible with 12VDC or 24VDC fire panels.
- Common trouble inputs and outputs.
- Ground fault detection.
- AC fail, low battery and battery presence supervision.
- 115VAC 60Hz. input.
- Includes cam lock and battery leads.

Altronix ®

NAC POWER EXTENDERS

AL602ULADA
- UL Listed in the U.S. for Fire, UL 864 9th edition, CSFM and FM Approved.
- 6.5 amp @ 24VDC.
- Two (2) Class A or four (4) Class B outputs with built-in sync protocols.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL802ULADA
- UL Listed in the U.S. for Fire, UL 864 9th edition, CSFM and FM Approved.
- 8 amp @ 24VDC.
- Two (2) Class A or four (4) Class B outputs with built-in sync protocols.
- Two (2) NC dry contact trigger inputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

AL1002ULADA
- UL Listed in the U.S. for Fire, UL 864 9th edition, CSFM and FM Approved.
- 10 amp @ 24VDC.
- Two (2) Class A or four (4) Class B outputs with built-in sync protocols.
- Two (2) NC dry contact trigger inputs.
- Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions:
15.5"H x 12.23"W x 4.5"D

Features:
- Two (2) Class A or two (2) Class B FACP inputs.
- Two (2) NC dry contact trigger inputs.
- Two (2) Class B outputs may be paralleled for more power on an indicating circuit.
- One (1) aux. power output @ 1 amp supply current (with battery back up).
- Signal circuit trouble memory - facilitates quickly locating intermittent system trouble and eliminates costly and unnecessary service calls. LEDs indicate a prior fault (short, open, ground) has occurred on one or more signaling circuit outputs.
- 2-wire horn/strobe sync mode allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate.
- Built-in Cooper®, Gentex®, Potter® and System Sensor® sync protocols.

- Temporal Code 3, Steady Mode, Input to Output Follower Mode (maintains synchronization of notification appliance circuits).
- Compatible with 12VDC or 24VDC fire panels.
- Common trouble inputs and outputs.
- Ground fault detection.
- AC fail, low battery and battery presence supervision.
- 115VAC 60Hz. input.
- Includes cam lock and battery leads.

AL602ULADA

(Batteries optional - order separately)

All above models are available in larger enclosure.
Add suffix "J" to model number (i.e. AL802ULADAJ).

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NAC POWER EXTENDERS

AL642ULADA
• UL Listed in the U.S. for Fire, UL 864
  9th edition, CSFM and FM Approved.
• 6.5 amp @ 24VDC.
• Four (4) Class A or four (4) Class B
  outputs with built-in sync protocols.
• Fits two (2) 12VDC/17AH batteries.
Enclosure dimensions:
18"H x 14.5"W x 4.625"D

AL842ULADA
• UL Listed in the U.S. for Fire, UL 864
  9th edition, CSFM and FM Approved.
• 8 amp @ 24VDC.
• Four (4) Class A or four (4) Class B
  outputs with built-in sync protocols.
• Fits two (2) 12VDC/17AH batteries.
Enclosure dimensions:
18"H x 14.5"W x 4.625"D

AL1042ULADA
• UL Listed in the U.S. for Fire, UL 864
  9th edition, CSFM and FM Approved.
• 10 amp @ 24VDC.
• Four (4) Class A or four (4) Class B
  outputs with built-in sync protocols.
• Fits two (2) 12VDC/17AH batteries.
Enclosure dimensions:
18"H x 14.5"W x 4.625"D

Features:
• Two (2) Class A or two (2) Class B FACP inputs.
• Two (2) NC dry contact trigger inputs.
• Two (2) Class B outputs may be paralleled for more power
  on an indicating circuit.
• One (1) aux. power output @ 1 amp supply current
  (with battery back up).
• One (1) aux. power output @ 1 amp supply current
  (without battery back up).
• Signal circuit trouble memory-facilitates quickly locating intermittent
  system trouble and eliminates costly and unnecessary service calls.
  LEDs indicate a prior fault (short, open, ground) has occurred on
  one or more signaling circuit outputs.
• 2-wire horn/strobe sync mode allows audible notification appliances
  (horns) to be silenced while visual notification appliances (strobes)
  continue to operate.
• Built-in Cooper®, Gentex®, Potter® and System Sensor® sync protocols.

• Temporal Code 3, Steady Mode, Input to Output Follower Mode
  (maintains synchronization of notification appliance circuits).
• Compatible with 12VDC or 24VDC fire panels.
• Ground fault detection.
• AC fail, low battery and battery
  presence supervision.
• 115VAC 60Hz. input.
• Includes cam lock
  and battery leads.

AL842ULADA

(Batteries optional - order separately)

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Altronix

Pace™
long range ethernet

Extend Ethernet range
5x the distance without repeaters

PACE — EXTEND ETHERNET RANGE 5X THE DISTANCE

Long Range Ethernet Adapters - Pass PoE/PoE+

Pace1PRMT (kit)
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Single port extended ethernet kit.
- Units also support single UTP up to 150m.
- *Includes one (1) Pace1PRM receiver and one (1) Pace1PTM transceiver - may be ordered separately.*

PACE1PRMT

Pace1STR (kit)
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Single port extended ethernet kit.
- *Includes one (1) Pace1PRM receiver and one (1) Pace1ST mini transceiver - may be ordered separately.*

PACE1STR

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Features:
- Deploy IP cameras/edge devices up to 500m over CAT5e without repeaters.
- Data rate 100Mbps full duplex.
- Passes PoE/PoE+ generated from midspan/endspan.

- *Multi-port units compatible with Pace1PTM & Pace1ST transceiver.*
- PoE (802.3af) and PoE+ (802.3at) compliant.
- Auto detection and protection of legacy non-PoE cameras/devices.
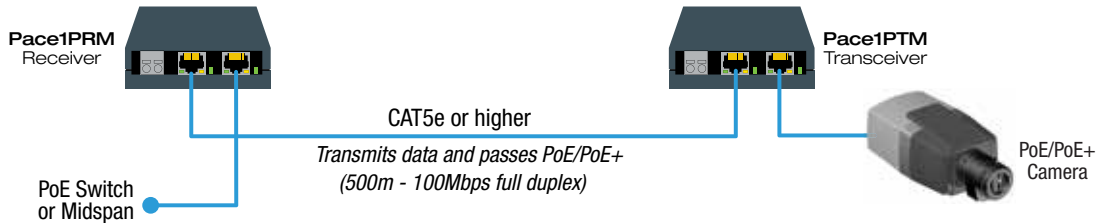- LEDs indicate power, activity and link status.

PACE EXTEND ETHERNET RANGE 5X THE DISTANCE

Pace1PRMT UTP Application:

Pace1PRM Receiver

Pace1PTM Transceiver

Single Twisted Pair (UTP)

*Transmits data and passes PoE/PoE+
(150m - 100Mbps full duplex)*

PoE Switch or Midspan

PoE/PoE+ Camera
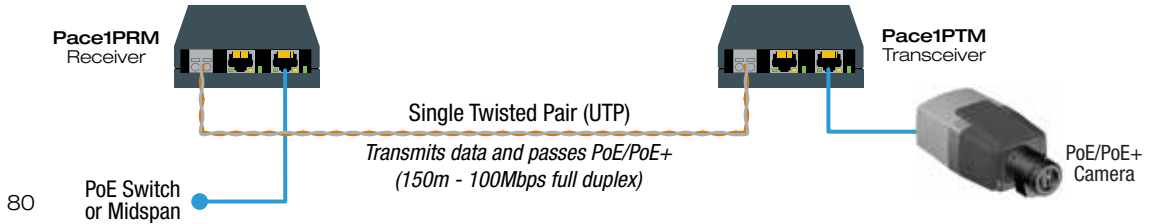
Pace1PRMT CAT5e Application:

Pace1PRM Receiver

Pace1PTM Transceiver

CAT5e or higher

*Transmits data and passes PoE/PoE+
(500m - 100Mbps full duplex)*

PoE Switch or Midspan

PoE/PoE+ Camera

Pace EXTEND ETHERNET RANGE 5X THE DISTANCE

Long Range Ethernet Adapters - Pass PoE/PoE+

Pace4PRM
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Four (4) port receiver.

Pace8PRM
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Eight (8) port receiver.

Pace16PRM
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Sixteen (16) port receiver.

PACE4PRM

PACE16PRM

Compatible Transceivers:

Pace1PTM
- Single port transceiver.
- Operates with single and multi-port Pace receivers.
- Also supports single UTP up to 150m.
- Hardened to operate at wider temperature range.
Dimensions: 3.5"W x 3.5"D x 1"H

PACE1PTM

Pace1ST
- Single port mini transceiver.
- More compact design for tighter spaces.
- Operates with single and multi-port Pace receivers.
- Hardened to operate at wider temperature range.
Dimensions: 2.27"W x 2.645"D x 1.12"H

PACE1ST

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Features:
- Deploy IP cameras/edge devices up to 500m over CAT5e without repeaters.
- Data rate 100Mbps full duplex.
- Passes PoE/PoE+ generated from midspan/endspan.

- PoE (802.3af) and PoE+ (802.3at) compliant.
- Auto detection and protection of legacy non-PoE cameras/devices.
- LEDs indicate power, activity and link status.

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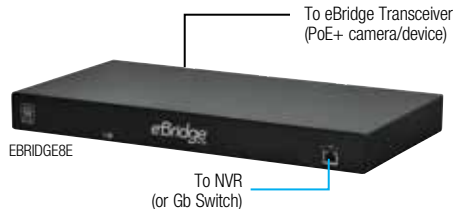Altronix

e*Bridge*™ PLUS ETHERNET OVER COAX

Managed Ethernet over Coax PoE+ Switch

eBridge8E
- Eight (8) port receiver with Integral PoE+ Switch.
- Data rate 25Mbps.
- One (1) Gigabit Uplink.
- 30W full power per port (240W of total power).

To eBridge Transceiver
(PoE+ camera/device)

EBRIDGE8E

To NVR
(or Gb Switch)

Compatible Transceivers:

eBridge1PCTX
- Single port transceiver.
- Operates with single and multi-port eBridge (25Mbps) receivers.
- Hardened to operate at wider temperature range.

eBridge1ST
- Single port mini transceiver.
- More compact design for tighter spaces.
- Operates with single and multi-port eBridge (25Mbps) receivers.
- Hardened to operate at wider temperature range.

EBRIDGE1ST

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Features:
- Deploy IP cameras/edge devices up to 500m over coax without repeaters.
- Generates PoE/PoE+ up the coax to an eBridge transceiver.
- Eliminates the costs and labor associated with installing new network cabling.
- Provides local and/or remote access to critical information via LAN/WAN.
- Email and SNMP trap message notifications report real-time power diagnostics.

- Event log tracks history.
- Built-in IP management allows for remote camera reset, monitoring.
- Built-in battery charging (Optional rack mount battery enclosure available - model RE2)
- 115VAC/230VAC input.
- Compact 1U EIA 19" rack mount chassis.

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e*Bridge*PLUS ETHERNET OVER COAX

EoC Adapters - Pass PoE/PoE+ (100Mbps Full Duplex)

eBridge100RMT (kit)
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Single port EoC adapter kit.
- *Includes one (1) eBridge100RM receiver and one (1) eBridge100TM transceiver - may be ordered separately.*

eBridge100STR (kit)
- UL Listed in the U.S. & Canada for CCTV, CE & C-Tick Approved.
- Single port EoC adapter kit.
- *Includes one (1) eBridge100RM receiver and one (1) eBridge100ST mini transceiver - may be ordered separately.*

Features:
c(UL)us CE C
- Deploy IP cameras/edge devices up to 300m over coax without repeaters.
- Cost effective solution to upgrade and expand security and surveillance utilizing coax.
- Eliminates labor and costs of deploying new cable.
- Data rate 100Mbps full duplex.
- Passes PoE/PoE+ generated from midspan.
- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant.
- Hardened to operate at wider temperature range.
- Auto detection and protection of legacy non-PoE cameras/devices.
- LEDs indicate Power, Coax link and IP link status.

Receivers:

eBridge100RM
- Single port receiver.

eBridge400PCRM
- Four (4) port receiver.

EBRIDGE400PCRM

eBridge800PCRM
- Eight (8) port receiver.

eBridge1600PCRM
- Sixteen (16) port receiver.
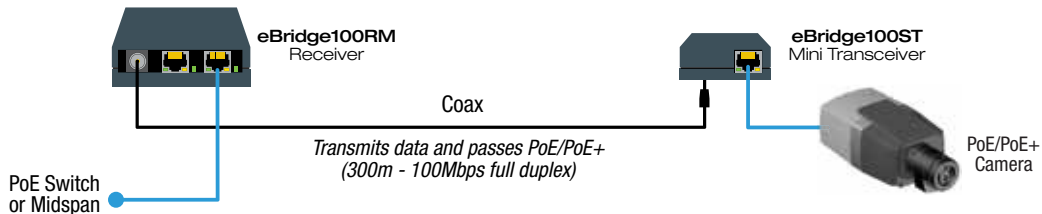
EBRIDGE800PCRM

Transceivers:

eBridge100TM
- Single port transceiver.
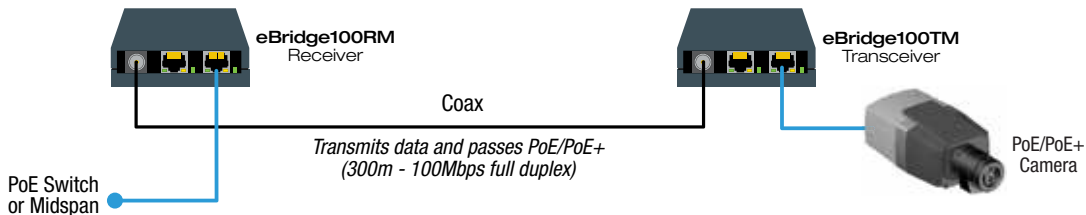- Operates with single and multi-port eBridge (100Mbps) receivers.

eBridge100ST
- Single port mini transceiver.
- Operates with single and multi-port eBridge (100Mbps) receivers.
- More compact design for tighter spaces.

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eBridge ETHERNET OVER COAX

eBridge100ST Application:

eBridge100RM Receiver

eBridge100ST Mini Transceiver

Coax

*Transmits data and passes PoE/PoE+
(300m - 100Mbps full duplex)*

PoE Switch
or Midspan

PoE/PoE+
Camera

eBridge100RMT Application:

eBridge100RM Receiver

eBridge100TM Transceiver

Coax

*Transmits data and passes PoE/PoE+
(300m - 100Mbps full duplex)*

PoE Switch
or Midspan

PoE/PoE+
Camera

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e*Bridge*™ PLUS ETHERNET OVER COAX/CAT5E

EoC/CAT5e Outdoor Solution (100Mbps Full Duplex)

eBridge200WPM
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Two (2) port Transceiver supports a single Hi-PoE (60W) camera/device or two (2) PoE+ cameras/devices over CAT5e/6 or coax.
- Passes PoE, PoE+ or Hi-PoE (60W).
- Built-in IP management allows for remote camera reset, monitoring and reporting via various IP protocols.
- System events report via Email and SNMP trap message notifications (instant or delayed).

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eBridge200WPMH
- eBridge200WPM with three (3) 5/8" wiring inlets, includes NEMA rated glands.

eBridge200WPM compatible Receivers:

eBridge100SPR
- Single port receiver required for PoE/PoE+ or Hi-PoE Coax applications.

Pace1PRM
- Single port receiver required for PoE/PoE+ CAT5 applications.

Pace1PRD
- Single port receiver required for Hi-PoE CAT5 applications.

NetWay1D
- Single port injector required for Hi-PoE applications.

Features:
- Deploy IP cameras/edge devices up to 300m over coax or 500m over CAT5e without repeaters.
- Cost effective solution to upgrade and expand security and surveillance utilizing coax or CAT5e (or higher).
- Data rate 100Mbps full duplex.
- IEEE 802.3af (15W) and IEEE 802.3at (30W) and Hi-PoE (60W) compliant.
- Eliminates labor and costs of deploying new cable.

$_c$(UL)$_{us}$ CE

- Auto detection and protection of legacy non-PoE cameras/devices.
- IP66 NEMA 4/4X Rated outdoor enclosure with lockable latches.
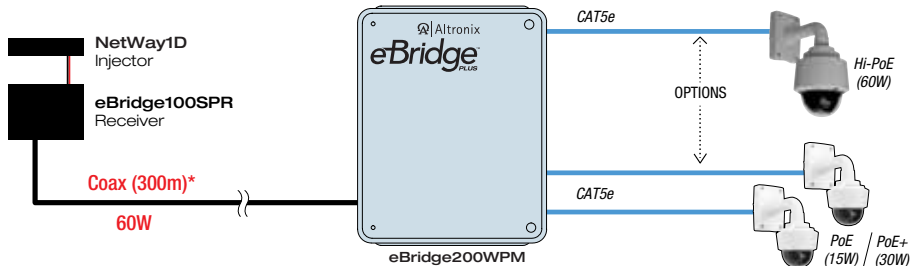- Integral flanges and lightweight design simplify mounting.
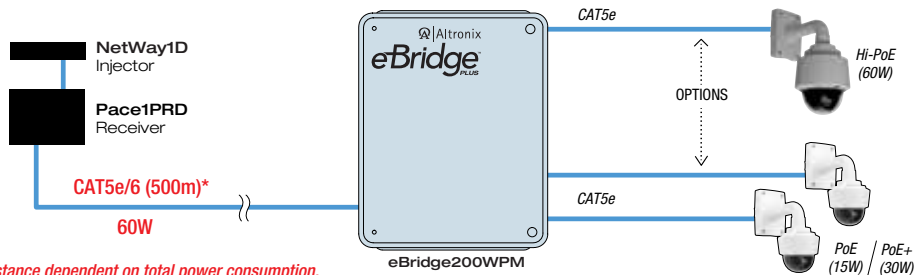

EBRIDGE200WPM

PMK1- Pole Mount Kit available, see page 147

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eBridge PLUS — ETHERNET OVER COAX

TYPICAL APPLICATIONS:

NetWay1D Injector

eBridge100SPR Receiver

Coax (300m)*

60W

eBridge200WPM

CAT5e

OPTIONS

Hi-PoE (60W)

CAT5e

PoE (15W) | PoE+ (30W)

NetWay1D Injector

Pace1PRD Receiver

CAT5e/6 (500m)*

60W

Distance dependent on total power consumption.

eBridge200WPM

CAT5e

OPTIONS

Hi-PoE (60W)

CAT5e

PoE (15W) | PoE+ (30W)

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e*Bridge*™ ETHERNET OVER COAX
PLUS

Single Port Ethernet over Coax Adapters (25Mbps)

eBridge1PCRT (EoC kit provides PoE)
- UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
- IEEE 802.3af (15.4W) compliant.
- Operates at 24VAC or 24VDC.
- *Includes one (1) eBridge1PCR receiver and one (1) eBridge1PCT transceiver - may be ordered separately.*

eBridge1PCRTX (EoC kit provides PoE+)
- UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
- Operates at 24VDC to 56VDC.
- *Includes one (1) eBridge1PCRX receiver and one (1) eBridge1PCTX transceiver - may be ordered separately.*

eBridge1STR (EoC kit passes PoE+)
- UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
- *Includes one (1) eBridge1PCRM receiver and one (1) eBridge1ST transceiver - may be ordered separately*

eBridge1PCRMT (EoC kit passes PoE+)
- UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
- Designed to pass PoE/PoE+ up the coax from any midspan or endspan.
- *Includes one (1) eBridge1PCRM receiver and one (1) eBridge1PCTX transceiver - may be ordered separately.*

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Features:
- Transmits IP video/data **and power** over existing coax cable up to 500m without repeaters.
- Eliminates labor and costs of deploying new cable.
- Hardened to operate at wider temperature range.
- Auto detection and protection of legacy non-PoE cameras/devices.
- Supports IP cameras and **access control devices**.
- Incorporates ***sloc™** (Security Link over Coax) technology.
- Throughput is rated to pass 25mbps of data.

- Ethernet Speed: 10/100BaseT, half/full duplex, auto negotiation.
- Connectivity: RJ45, auto-crossover.
- LEDs indicate Power, Coax link and IP link status.

EBRIDGE1PCRTX

* sloc is a registered trademark of Intersil Corporation.

e*Bridge* PLUS ETHERNET OVER COAX

Single Port Ethernet over Coax Adapters (25Mbps)

Receivers:

eBridge1PCR (Provides PoE)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) compliant.
• Operates at 24VAC or 24VDC.

eBridge1PCRX (Provides PoE+)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
• Operates at 24VDC to 56VDC.

eBridge1PCRM (Passes PoE+)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
• Designed to pass PoE/PoE+ up the coax from any midspan or endspan.

Transceivers:

eBridge1PCT (PoE compliant)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) compliant.

eBridge1PCTX (PoE+ compliant)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.

eBridge1ST (PoE+ compliant)
• UL Listed in the U.S. & Canada for CCTV, CE and C-Tick Approved.
• IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
• More compact design for tighter spaces.

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Features:
• Transmits IP video/data **and power** over existing coax cable up to 500m without repeaters.
• Eliminates labor and costs of deploying new cable.
• Hardened to operate at wider temperature range.
• Auto detection and protection of legacy non-PoE cameras/devices.
• Supports IP cameras and access control devices.

• Incorporates ***sloc™** (Security Link over Coax) technology.
• Throughput is rated to pass 25mbps of data.
• Ethernet Speed: 10/100BaseT, half/full duplex, auto negotiation.
• Connectivity: RJ45, auto-crossover.
• LEDs indicate Power, Coax link and IP link status.

* sloc is a registered trademark of Intersil Corporation.

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eBridge PLUS ETHERNET OVER COAX

Ethernet over Coax/PoE Receivers (25Mbps)

eBridge4PCRX
- UL Listed in the U.S. and Canada for CCTV, CE Approved, C-Tick Approved.
- Four (4) port receiver.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.

eBridge8PCRX
- UL Listed in the U.S. and Canada for CCTV, CE Approved, C-Tick Approved.
- Eight (8) port receiver.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
- Compact 1U EIA 19" rack mount chassis.

eBridge16PCRX
- UL Listed in the U.S. and Canada for CCTV, CE Approved, C-Tick Approved.
- Sixteen (16) port receiver.
- IEEE 802.3af (15.4W) and IEEE 802.3at (30W) compliant.
- Compact 1U EIA 19" rack mount chassis.

EBRIDGE4PCRX

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EBRIDGE8PCRX

Features:
- Transmits IP video/data **and power** over existing coax cable up to 500m without repeaters.
- Ethernet port facilitates programming and status monitoring via LAN or laptop.
- Eliminates labor and costs of deploying new cable.
- Auto detection and protection of legacy non-PoE cameras/devices.
- Supports IP cameras and access control devices.
- Throughput is rated to pass 25mbps of data.

- *Multi-port Receivers are compatible with eBridge1PCTX and eBrigde1ST transceiver (pg. 89).*
- Ethernet Speed: 10/100BaseT, half/full duplex, auto negotiation.
- Connectivity: RJ45, auto-crossover.
- LEDs indicate Power, Coax link and IP link status.
- Input: 48VDC - 56VDC (use 54V to 56V power supply to achieve full power per .3at standard).

* sloc is a registered trademark of Intersil Corporation.

POWER SUPPLY/CHARGER FOR eBridge_PLUS_ RECEIVERS
AND DEVICES WHICH OPERATE AT 56VDC

VertiLine563

VERTILINE563

- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Two (2) 56VDC power outputs @ 3 amp max. each.
- Two (2) separate battery charging circuits.

Features:

$_c$(UL)$_{us}$ CE

- Provides power for single or multi-port eBridgePLUS receivers or 56VDC devices.
- Power LED indicators.
- Automatic switch over to stand-by battery when AC fails.
- Built-in charger for sealed lead acid or gel type batteries.

- Optional rack mount battery enclosure (RE2) can be used to accommodate up to four (4) 12VDC/7AH batteries.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

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TYPICAL APPLICATION:

VertiLine563
Power Supply/Charger
(rear of unit)

Power for eBridge4/8/16PCRX or any devices that operate at 56VDC

Power for eBridge4/8/16PCRX or any devices that operate at 56VDC

Connect four (4) 12VDC batteries in series for optional battery backup*

Connect four (4) 12VDC batteries in series for optional battery backup*
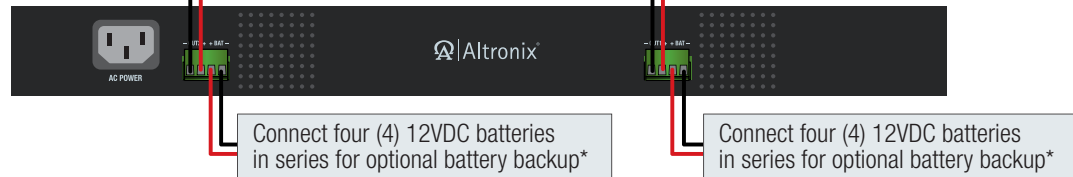
*Altronix offers Rack Mount Battery Enclosure - model **RE2** - to accommodate installation *(refer to pg. 159)*

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Altronix

eBridge PLUS™ ETHERNET OVER COAX

EoC Kit Enables Four (4) IP Devices Over a Single Coax

eBridge4SK (kit)
- Includes an eBridge100SPR and an eBridge4SPT
- UL Listed in the U.S. and Canada for CCTV,
  CE Approved, C-Tick Approved.

eBridge100SPR
- Single port receiver passes 60W up the coax to eBridge4SPT.

eBridge4SPT
- Transceiver with integral four (4) port managed PoE/PoE+ switch.
- Provides up to 30W per port not to exceed 60W max.
- Use with eBridge100SPR.

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EBRIDGE4SK

Features:
- Transmits up to four (4) IP video/data signals
  over a single coax up to 300m (3 times max. ethernet distance).
- Facilitates system upgrades from a single analog camera/devices up to
  four (4) IP cameras/devices.
- Eliminates labor and costs of deploying new cable.
- Built-in IP management, allowing for remote camera reset,
  monitoring and reporting via various IP protocols.
- PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at) compliant.

- Supports IP cameras, accessories and access control devices.
- Auto detection and protection of legacy non-PoE cameras.
- Data rate 100Mbps full duplex.
- Ethernet Speed: 100BaseT, full duplex, auto negotiation.
- Connectivity: RJ45, auto-crossover.
- LEDs indicate Power, Coax link and IP link status.
- Input: 48VDC - 56VDC (use 54V to 56V power supply
  to achieve full power per 802.3at standard).

e*Bridge*™ PLUS ETHERNET OVER COAX

TYPICAL APPLICATION:

eBridge100SPR
Receiver

data/power

eBridge4SPT
Transceiver/Switch

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Network
Switch

Input
56VDC*

PoE/PoE+
Cameras

data/power

data/power

PoE/PoE+
Cameras

— CAT-5e (or higher) - 100m (328 ft.) max.
— Coax - 300m (1000 ft.) max.

altronix.com

Altronix
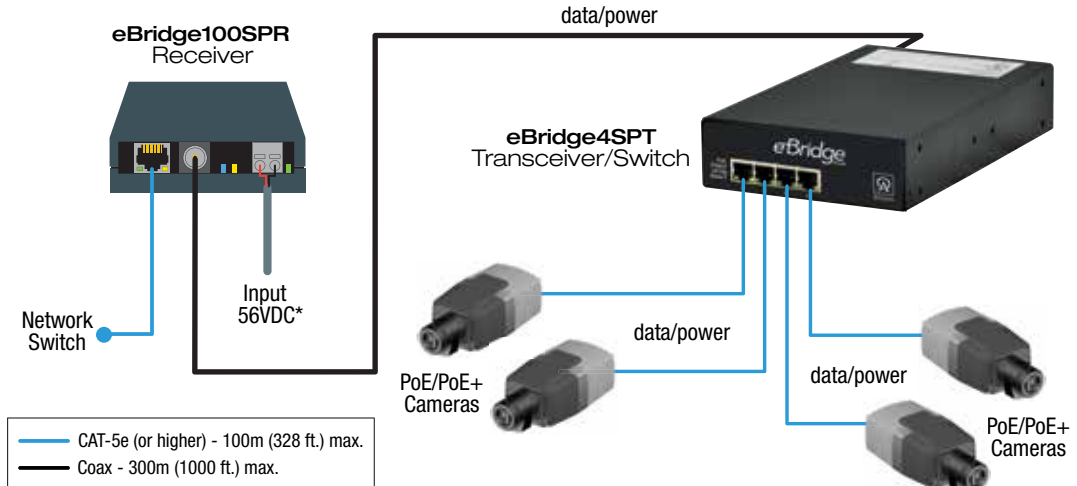
e*Bridge*™ ETHERNET OVER COAX

*Ethernet over Coax Adapters
w/composite video connector*

eBridge1CRT
- Single port adapter kit.
- Coax Distance: up to 500m.
- Ethernet Distance: up to 100m.
- Powered via 12/24VDC or 16-24VAC.
- *Includes one (1) eBridge1CR receiver and one (1) eBridge1CT transceiver - may be ordered separately.*

EBRIDGE1CRT

eBridge1CR
- Single port receiver.

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eBridge1CT
- Single port transceiver.

Features:
- Transmits IP video/data over existing coax cable up to 500m without repeaters.
- Allows easy upgrade of legacy coax infrastructure.
- Accommodates individual IP camera(s) with composite video, or multiple IP cameras over a single coax cable.
- Incorporates ***sloc™** (Security Link over Coax) technology.

- Throughput is rated to pass 25mbps of data.
- Ethernet Speed: 10/100BaseT, half/full duplex, auto negotiation.
- LEDs indicate Power, Coax link and IP link status.
- Composite video connector(s) - enables simultaneous composite video and IP data.

* sloc is a registered trademark of Intersil Corporation.

e*Bridge*™ ETHERNET OVER COAX

Ethernet over Coax Receivers

eBridge4CR
- UL Listed in the U.S. and Canada for CCTV, CE Approved, C-Tick Approved.
- Four (4) port receiver.
- Powered via 12/24VDC or 16-24VAC.
- Coax Distance: up to 500m
- Ethernet Distance: up to 100m

EBRIDGE4CR

eBridge16CR
- UL Listed in the U.S. and Canada for CCTV, CE Approved, C-Tick Approved.
- Sixteen (16) port receiver.
- Powered via 12/24VDC or 16-24VAC.
- Coax Distance: up to 500m
- Ethernet Distance: up to 100m
- Compact 1U EIA 19" rack mount chassis.

EBRIDGE16CR

Features:
- Transmits IP video/data over existing coax cable up to 500m without repeaters.
- Allows easy upgrade of legacy coax infrastructure.
- Accommodates individual IP camera(s) with composite video, or multiple IP cameras over a single coax cable.
- Incorporates ***sloc™** (Security Link over Coax) technology.

- *Multi-port Receivers are compatible with eBridge1CT Transceivers (pg. 94).*
- Throughput is rated to pass 25mbps of data.
- Ethernet Speed: 10/100BaseT, half/full duplex, auto negotiation.
- LEDs indicate Power, Coax link and IP link status.

* sloc is a registered trademark of Intersil Corporation.

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Netway®

PoE solutions

Indoor/Outdoor Switches, Midspans, Injectors, Adapters and more!

Netway PoE SOLUTIONS

Eight (8) Port Managed Midspan

NetWay8G
- Supports up to eight (8) PoE/PoE+ cameras/devices.
- 10/100/1000 Ethernet ports
- Provides 30W full power per port (240W of total power)

Sixteen (16) Port Managed Midspan

NetWay16G
- Supports up to sixteen (16) PoE/PoE+ cameras/devices.
- 10/100/1000 Ethernet ports
- Provides 30W full power per port (480W of total power)

Features:
- Provides the precise power your PoE devices need.
- Supports PoE (802.3af) and PoE+ (802.3at) devices up to 100m over CAT5e/6
- Provides local and/or remote access to critical information via LAN/WAN.
- Email and SNMP trap message notifications report real-time power diagnostics.
- Event log tracks history.
- Built-in IP management allows for remote camera reset, monitoring.
- PoE shutdown is selectable by port.
- Programmable port priority.

- Auto detection and protection of legacy non-PoE cameras/devices.
- Built-in battery charging (Optional rack mount battery enclosure available - model RE2)
- 115VAC/230VAC input.
- Port status LED indicators.
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

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NETWAY8G

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PoE SOLUTIONS

| *Eight (8) Port Managed Midspan* | *Sixteen (16) Port Managed Midspan* |

NetWay8M
- UL Listed in the U.S. and Canada for Access Control and Information Technology Equipment, CE Approved, C-Tick Approved.
- Supports up to eight (8) PoE/PoE+ cameras/devices.
- Provides up to 30W per port not to exceed 150W max.

NetWay16M
- UL Listed in the U.S. and Canada for Access Control and Information Technology Equipment, CE Approved, C-Tick Approved.
- Supports up to sixteen (16) PoE/PoE+ cameras/devices.
- Provides up to 30W per port not to exceed 300W max.

Features:
- Provides the precise power your PoE devices need.
- Plug-and-play yet easily customizable.
- Ethernet port facilitates programming and status monitoring via LAN or laptop.
- IEEE 802.3af (PoE) and IEEE 802.3at (PoE +) compliant.
- Programmable port priority.
- PoE shutdown feature is selectable by port - allows for cameras and/or edge devices to be reset.
- Unused ports can be disabled to prevent unauthorized network connections.
- Safe & cost effective power distribution over CAT-5/5E/6 LAN infrastructure.
- Supports non-PoE 12VDC IP cameras (utilizing NetWay1512 or NetWay3012 adapters).
- Auto detection and protection of legacy non-PoE cameras/edge devices.
- Port status LED indicators.
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

NETWAY16M

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NetWay® PoE SOLUTIONS

Eight (8) Port Midspan

NetWay8
- UL Listed in the U.S. and Canada for Access Control and Information Technology Equipment, CE Approved, C-Tick Approved.
- Supports up to eight (8) PoE/PoE+ cameras/devices.
- Provides up to 30W per port not to exceed 150W max.

Sixteen (16) Port Midspan

NetWay16
- UL Listed in the U.S. and Canada for Access Control and Information Technology Equipment, CE Approved, C-Tick Approved.
- Supports up to sixteen (16) PoE/PoE+ cameras/devices.
- Provides up to 30W per port not to exceed 300W max.

NETWAY8

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Features:
- Provides the precise power your PoE devices need.
- IEEE 802.3af (PoE) and IEEE 802.3at (PoE +) compliant.
- Safe & cost effective power distribution over CAT-5/5E/6 LAN infrastructure.
- Supports non-PoE 12VDC IP cameras (utilizing NetWay1512 or NetWay3012 adapters).
- Auto detection and protection of legacy non-PoE cameras/edge devices.
- Port status LED indicators.
- Compact 1U EIA 19" rack mount chassis can be rack, shelf or wall mounted.

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Netway® PoE SOLUTIONS

Single Port Injectors

NetWay1
- UL Listed in the U.S. and Canada for Access Control and Information Technology Equipment, CE Approved.
- Supports IEEE 802.3af (PoE) devices.
- 24VAC/VDC input.

NetWay1X
- NetWay1 with IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) compatability.

NetWay1P
- NetWay1 (15W) with TP2440 Plug-in Transformer.

NetWay112
- NetWay1 with 12VDC input.

NETWAY1X

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Features:
- Provides power and passes data over CAT5e cable up to 100m.
- PoE shutdown feature - allows for device reset.
- Safe & cost effective power distribution over CAT-5/5E/6 LAN infrastructure.
- Supports non-PoE 12VDC IP cameras (utilizing NetWay1512 or NetWay3012 adapters).
- Auto detection and protection of legacy non-PoE cameras/edge devices.
- Port status LED indicators.
- Compact insulated housing with screw mounting.

Adapters

NetWay1512
- UL Listed in the U.S. and Canada for Information Technology Equipment, CE Approved.
- 15W midspan adapter for non-PoE compliant IP cameras.

NetWay3012
- UL Listed in the U.S. and Canada for Information Technology Equipment, CE Approved.
- 30W midspan adapter for non-PoE compliant IP fixed or PTZ cameras.
- Compact insulated housing with screw mounting.
- LED indicator.

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Netway PoE SOLUTIONS

Repeater Modules

NETWAYXT

NetWayXT
- UL Listed in the U.S. and Canada for Information Technology Equipment, CE Approved.
- Supports IEEE 802.3af (PoE) devices.

NetWayXTX
- UL Listed in the U.S. and Canada for Information Technology Equipment, CE Approved.
- Supports IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) devices.

TYPICAL APPLICATION:

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| Netway Midspan | CAT5e 100m | NetWayXTX 1 <25.5W | CAT5e 100m | NetWayXTX 2 <21W | CAT5e 100m | NetWayXTX 3 <17W | CAT5e 100m | NetWayXTX 4 <15W | CAT5e 100m | PoE Camera <13W |
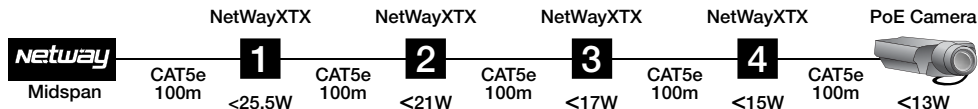
Features:
- Provides the precise power your PoE devices need.
- Interfaces with NetWay midspans or PoE switches to extend data (video) an additional 100m (328 ft.).
- Multiple units may be used on a single port to extend range (quantity based on device current draw).
- Auto detection and protection of legacy non-PoE cameras/devices.
- Port status LED indicators.
- Plug-and-play installation, no external power required.

$_c$(UL)$_{us}$ CE

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Netway® PoE SOLUTIONS

Single Port Hi-PoE Injectors

NetWay1D
- UL Listed in the U.S. and Canada, CE Approved
- Supports IEEE 802.3af (PoE), IEEE 802.3at (PoE+) and Hi-PoE.
- Port provides up to 60W.
- Aux. Class 2 power-limited output rated @ 56VDC/60W.
- 115VAC/230VAC Input.

NETWAY1D

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NetWay1E
- UL Listed in the U.S. and Canada, CE Approved
- Supports IEEE 802.3af (PoE) and IEEE 802.3at (PoE+).
- Also supports LTPoE++™ 70W, 52.7W & 38.7W PD compliant devices.
- PoE shutdown feature.
- 115VAC Input.

NetWay1EV
- NetWay1 with 220VAC Input.

Features:
- Provides precise power and passes data over Ethernet (CAT-5) cable up to 100m (328 ft).
- Safe and cost effective power distribution over CAT-5/5E/6 LAN infrastructure.
- Auto detection and protection of legacy non-PoE cameras/devices.

- Data rate 10/100/1000.
- Integral surge protection.
- Power LED indicator.
- IEC 320 - 3-wire grounded line cord (detachable).
- Unit can be wall or shelf mounted.

Netway® PoE SOLUTIONS

Outdoor Single Port High PoE Injector

NetWay1DWPM
- UL Listed in the U.S. and Canada, CE Approved.
- Provides PoE/PoE+ and Hi-PoE power for outdoor cameras/devices.
- Single port provides up to 60W of power and passes data over ethernet (CAT5e) cable up to 100m (328 ft).
- 115VAC/230VAC input.

NETWAY1DWPM

Features:
- Maximum power: High PoE (60W).
- Integral surge protection.
- Auto detection and protection of legacy non-PoE cameras/devices.
- Integral flanges and lightweight design simplify mounting.
- IP66, NEMA4/4X Rated outdoor enclosure with lockable latches.

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Netway PoE SOLUTIONS

Managed PoE+ Switches with Fiber Port

NetWay4EWP (Outdoor version)
- Four (4) PoE/PoE+ Ethernet ports at 30W per port.
  (Units available with configurable 60W / Hi-PoE option).
- 120W of total power.
- One (1) Gigabit SFP port (uplink).
- IP66, NEMA4/4X Rated Enclosure with stainless steel
  lockable latches.
- Integral flanges and lightweight design simplify mounting.
Enclosure Dimensions: 13.31"H x 11.31"W x 5.59"D

NetWay4EWPX (Outdoor version)
- Same as NetWay4EWP in larger NEMA4/4X Rated Enclosure.
- Accommodates four (4) 12VDC/7AH batteries (48V of backup).
Enclosure Dimensions: 17.375"H x 12"W x 6.5"D

NetWay4EX (Indoor version)
- Same as NetWay4EWP with NEMA1 Rated Enclosure.
Enclosure Dimensions: 13.5"H x 13"W x 3.25"D

NetWay4EPL
- NetWay4EB four (4) port switch and power supply boards
  on backplane.
Dimensions: 10.75"H x 8.875"W x 2.375"D

NetWay4EB
- Four (4) port switch, board only.
Dimensions: 6.25"H x 4.5"W x 0.625"D

NetWay4EX

NetWay4EWP

Features:
- Supports PoE (802.3af), PoE+ (802.3at) and Hi-PoE devices.
- Integral surge protection.
- Built-in battery charging
- Provides local and/or remote access to critical information via LAN/WAN.
- Email and SNMP trap message notifications
  report real-time power diagnostics.
- Event log tracks history.

- Built-in IP management
  allows for remote camera
  reset, monitoring.
- Auto detection and protection of
  legacy non-PoE cameras/devices.
- 115VAC/230VAC input.

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Netway® PoE SOLUTIONS

TYPICAL APPLICATIONS:

Four (4) PoE / PoE+ Cameras
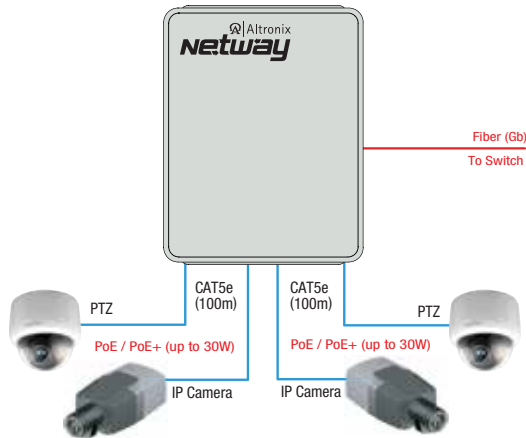
Two (2) Hi-PoE Cameras
(option available)

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NETWAY

Fiber (Gb)
To Switch

PTZ

CAT5e
(100m)

CAT5e
(100m)

PTZ

PoE / PoE+ (up to 30W)

PoE / PoE+ (up to 30W)

IP Camera

IP Camera

Altronix
NETWAY

Fiber (Gb)
To Switch

CAT5e
(100m)

IP Camera

IP Camera

Hi-PoE (up to 60W)

Altronix

SURVEILLANCE
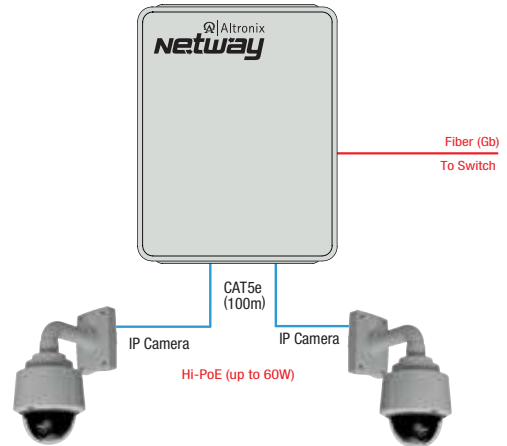
Netway® PoE SOLUTIONS

Enables Four (4) IP Devices over a Single Cable

NetWay4ESK (kit)
- UL Listed in the U.S. & Canada, CE & C-Tick Approved.
- Managed PoE/PoE+ Switch with Midspan Injector.
- Includes NetWay4ES and NetWay1D.

NetWay4ES
- Four (4) port managed PoE/PoE+ switch.

NetWay1D
- Single port midspan injector.
- 115VAC/230VAC Input.

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NetWay4ESK

Features:
- Provides a total of 60W max. up to four (4) devices.
- Built in IP management, allowing for remote camera reset, monitoring and reporting via various IP protocols.
- Safe and cost effective power distribution over CAT-5/5E/6 LAN infrastructure.
- Auto detection and protection of legacy non-PoE cameras/devices.

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Netway® PoE SOLUTIONS

TYPICAL APPLICATION:

NetWay4ES
Managed PoE Switch

NetWay1D
Midspan/Injector

data/power

data/power   data/power

Network
Switch

PoE
Cameras

PoE
Cameras

CAT-5e (or higher) - 100m (328 ft) max.

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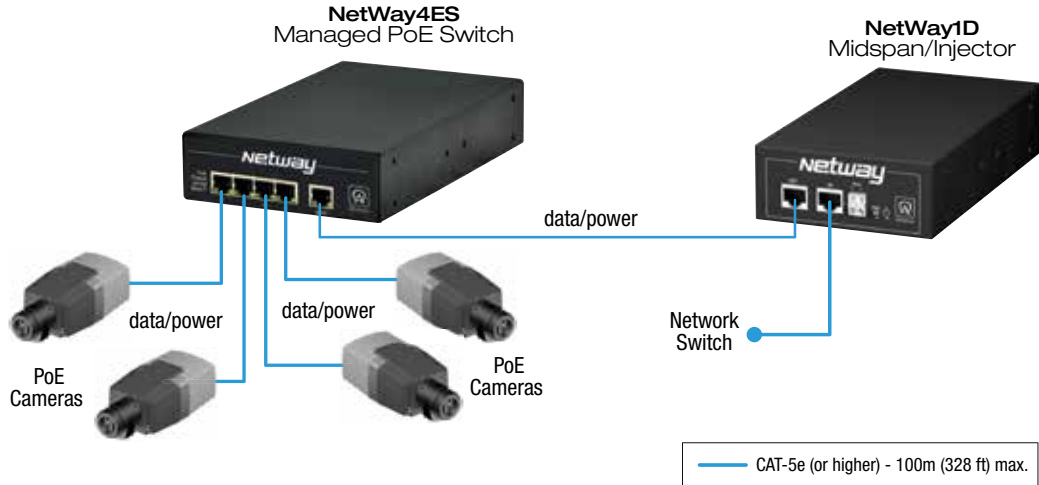
HubWay®

UTP video solutions

Quality video up to one mile

HubWay PASSIVE UTP TRANSCEIVER HUBS
WITH INTEGRAL CAMERA POWER

Eight (8) Channel

HubWay8CD
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Eight (8) channels of combined video, data and power.
- 5 amp total output current.
- 115VAC input.

c(UL)us

HubWay8D
- UL Listed in the U.S. for CCTV.
- All features of HubWay8CD.
- 115/230VAC selectable input.

(UL)

Eight (8) Channel (Isolated Power)

HubWay8Di
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Eight (8) channels of combined video, data and power.
- 8 amp total output current.
- Electronically isolated power outputs.
- 115VAC or 230VAC selectable input.

c(UL)us

Refer to page 119 for video balun/combiners.

Features:
- Quality video up to 750 ft.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- PTC protected power outputs.
- Surge suppression
- Power LED indicators.
- Eight (8) 75 ohm video outputs.
- RS422/RS485 data inputs.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

CE

HUBWAY8CD

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PASSIVE UTP TRANSCEIVER HUBS WITH INTEGRAL CAMERA POWER

Sixteen (16) Channel

HubWay16CD
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Sixteen (16) channels of combined video, data and power.
- 10 amp total output current.
- 115VAC input.

HubWay16D
- UL Listed in the U.S. for CCTV, CE Approved.
- All features of HubWay16CD.
- 115/230VAC selectable input.

Sixteen (16) Channel (Isolated Power)

HubWay16Di
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Sixteen (16) channels of combined video, data and power.
- 16 amp total output current.
- Electronically isolated power outputs.
- 115VAC or 230VAC selectable input.

Refer to page 119 or video balun/combiners.

Features:
- Quality video up to 750 ft.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- PTC protected power outputs.
- Surge suppression.
- Power LED indicators.
- Sixteen (16) 75 ohm video outputs.
- RS422/RS485 data inputs.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

HUBWAY16CD

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ACTIVE UTP TRANSCEIVER HUBS

Sixteen (16) Channel with Integral Power

HubWayEX16SP
- UL Listed in the U.S. and Canada for CCTV.
- Sixteen (16) channels of combined video, data and power.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- Electronically isolated PTC protected power outputs.
- 16 amp total output current.
- Surge suppression.
- Power and video LED indicators.

Sixteen (16) Channel Hub

HubWayEX16S
- UL Listed in the U.S. and Canada for CCTV.
- Sixteen (16) channels of combined video and data.
- Video LED indicators.

Refer to page 119 for video balun/combiners.

Features:
- Quality video up to 5000 ft.
- Automatic picture and gain control.
- Automatic correction for reverse video polarity.
- Sixteen (16) 75 ohm video outputs.
- RS422/RS485 data inputs.
- 115VAC or 230VAC selectable input.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

HUBWAYEX16SP

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ACTIVE UTP TRANSCEIVER MODULE

Single Channel

HubWayEX1
- UL Listed in the U.S. and Canada for CCTV.
- One (1) channel of combined video and data.
- Quality video up to 5000 ft.

Features:
- 16VAC-24VAC or 12VDC-24VDC.
- Automatic picture and gain control.
- Automatic correction for reverse video polarity.
- Video LED indicator.
- RS422/RS485 data input.
- One (1) 75 ohm video output.
- Screw mounting.

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TYPICAL HOOKUP:

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HubWayEX1
Single Channel Active UTP Transceiver Hub

Input 16-24VAC, 1W
       12-24VDC, 1W
Class 2 wiring to be used.

Video

UL Listed for Commercial CCTV Equipment
(UL 2044). CUL Listed - CSA Standard C22.2
No. 1-04. Audio, Video and Similar Equipment

LISTED

CE

AC/DC   Video   Channel   Data
Input

Head End
Equipment (DVR)

AC or DC
Power Source

Data

AC or DC
PTZ Camera

Coax - Video

Max. Video 5000 ft.
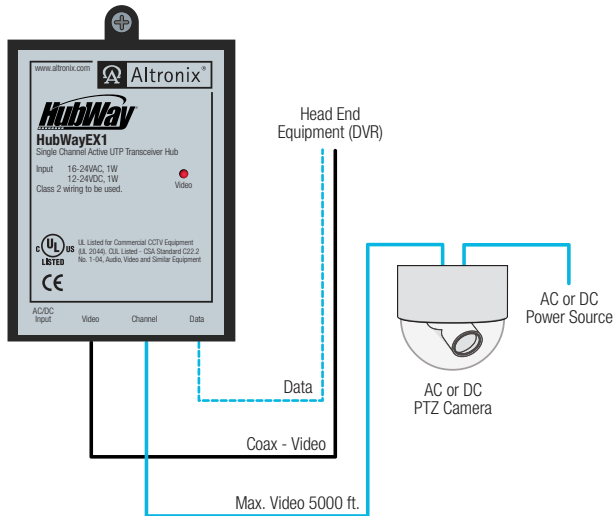
ACTIVE UTP TRANSCEIVER HUBS

Sixteen (16) Channel Hub

HubWayEX16
- UL Listed in the U.S. and Canada for CCTV.
- Sixteen (16) channels of video distributed over four (4) structured cables.
- Sixteen (16) 75 ohm video outputs.

Thirty-two (32) Channel Hub

HubWayEX32
- UL Listed in the U.S. and Canada for CCTV.
- Thirty-two (32) channels of video distributed over eight (8) structured cables.
- Thirty-two (32) 75 ohm video outputs.

Refer to page 119 for video balun/combiners.

Features:
- Quality video up to 5000 ft.
- Automatic picture and gain control.
- Automatic correction for reverse video polarity.
- Video LED indicators.
- RS422/RS485 data inputs.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

HUBWAYEX32

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HubWay

UTP POWER INJECTOR

HubWayEXP
- UL Listed in the U.S. and Canada for CCTV.
- Sixteen (16) channel isolated camera power injector.
- Passes sixteen (16) video signals over four (4) structured cables back to the transceiver hub (MDF), while providing the necessary camera power locally (IDF), ensuring seamless plug and play operation.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- PTC protected power outputs.
- 16 amp total output current (1 amp per channel).

Refer to page 119 for video balun/combiners.

Features:
- Surge suppression.
- Power LED indicators.
- RS422/RS485 data inputs.
- 115VAC or 230VAC selectable input.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

HUBWAYEXP

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Video From Head End

Power and Video to Cameras

Altronix

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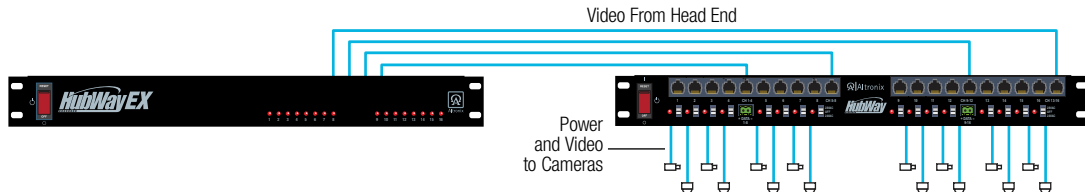
HubWay
ACTIVE UTP TRANSCEIVER HUB
WITH INTEGRAL ISOLATED CAMERA POWER

Sixteen (16) Channel

HubWayLD16Di
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Sixteen (16) channels of combined video, data and power.
- 16 amp total output current.
- Electronically isolated power outputs.
- 115VAC or 230VAC selectable input.

Refer to page 119 for video balun/combiners.

Features:
- Quality video up to 3000 ft.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- PTC protected power outputs.
- Surge suppression.
- Picture and gain controls.
- Video and power LED indicators.
- Sixteen (16) 75 ohm video outputs.
- RS422/RS485 data inputs.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

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HUBWAYLD16Di

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PASSIVE UTP TRANSCEIVER HUB

Sixteen (16) Channel

HubWayH16
- Sixteen (16) channels of combined video and data.
- Quality video up to 750 ft.
- Each channel is selectable to pass video/data/power or video and power (utilizing the remaining 3 pair) to decrease voltage drop *(For video/power application use HubWayAvP below).*

Refer to page 119 for more compatible video balun/combiners.

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Features:
- RS422/RS485 data inputs.
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, wall or shelf mounted.

HUBWAYH16

Slim-Line Video Balun/Combiner

HubWayAvP
- Designed for use with HubWayH16 Passive UTP Transceiver Hub (above) - for 24VAC/12VDC fixed cameras (based on power supply selection).
- Pass through video/power.
- 75 ohm video input.

- 1 amp supply current (based on power supply rating).
- Low profile fits inside dome cameras and back boxes.

HUBWAYAVP

ACTIVE UTP TRANSCEIVER HUBS

Eight (8) Channel

HubWayLDH8
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Eight (8) channels of combined video and data.
- Eight (8) 75 ohm video outputs.

Sixteen (16) Channel

HubWayLDH16
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Sixteen (16) channels of combined video and data.
- Sixteen (16) 75 ohm video outputs.

Refer to page 119 for video balun/combiners.

Features:
- Quality video up to 3000 ft.
- Picture and gain controls.
- Video LED indicators.
- RS422/RS485 data inputs.
- 115VAC or 230VAC selectable input.
- Illuminated master power switch.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, wall or shelf mounted.

HUBWAYLDH16

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HubSat PASSIVE UTP TRANSCEIVER HUBS WITH INTEGRAL CAMERA POWER

Four (4) Channel

HubSat4D
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Four (4) channels of combined video, data and power.
- 4 amp total output current.
- Four (4) 75 ohm video outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

HubSat4WP
- HubSat4D with NEMA 4/IP 65 Rated enclosure for outdoor use.
- CE Approved
Enclosure dimensions: 12"H x 8"W x 6"D

Eight (8) Channel

HubSat8D
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- Eight (8) channels of combined video, data and power.
- 8 amp total output current.
- Eight (8) 75 ohm video outputs.
- Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

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Features:
- Passes video signals over structured cable back to the transceiver hub (MDF), while providing the necessary camera power locally (IDF), ensuring seamless plug and play operation.
- Quality video up to 750 ft.
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- PTC protected power outputs.
- Power LED indicators.
- RS422/RS485 data inputs.
- 115VAC input.

Above models available with isolated power outputs visit altronix.com for more info.

HUBSAT4D

HubWay VIDEO BALUN/COMBINERS

Slim-Line Video Balun/Combiners

HubWayAv2
- Interfaces with HubWay and HubSat UTP Transceiver Hubs for 24VAC/12VDC fixed or PTZ cameras (based on power supply selection).
- Pass through video/data/power.
- Data/PTZ RS422/RS485 output.

HubWayAv2Pk
- 8 pack of HubWayAv2 video balun/combiners.

HubWayAvP
- Interfaces only with HubWayH16 Passive UTP Transceiver Hub for 24VAC/12VDC fixed cameras (based on power supply selection).
- Pass through video/power.

HubWayAvPPk
- 8 pack of HubWayAvP video balun/combiners.

HUBWAYAV2

Features:
- 1 amp supply current (based on power supply rating).
- Low profile fits inside dome cameras and back boxes.
- 75 ohm video input.
- 30cm leads.

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HubWayDv
- Interfaces with HubWay and HubSat UTP Transceiver Hubs for 12VDC fixed or PTZ cameras.

HubWayDvPk
- 8 pack of HubWayDv video balun/combiners.

HubWayDvi
- Video balun/combiner provides isolation for 12VDC cameras.

HubWayDviPk
- 8 pack of HubWayDvi video balun/combiners.

HUBWAYDV

Features:
- UL Listed Accessory.
- Power LED indicator.

Altronix

AC POWER SUPPLIES

Four (4) Output

ALTV244UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 3.5 amp @ 24VAC or 3 amp @ 28VAC max. power.
- Four (4) fuse protected non power-limited outputs.
- Power ON/OFF switch.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV244ULCB
- ALTV244UL with Four (4) Class 2 Rated
  PTC protected power-limited outputs.

ALTV244175UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC or 6.25 amp @ 28VAC max. power.
- Four (4) fuse protected non power-limited outputs.
- Illuminated master power switch.
Enclosure dimensions: 12.25"H x 7.75"W x 4.5"D

ALTV244175ULCB
- ALTV244175UL with Four (4) Class 2 Rated
  PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz. input.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

ALTV244UL

AC POWER SUPPLIES

Eight (8) Output

ALTV248UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 3.5 amp @ 24VAC or
  3 amp @ 28VAC max. power.
- Eight (8) fuse protected
  non power-limited outputs.
- Power ON/OFF switch.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV248ULCB
- ALTV248UL with Eight (8) Class 2 Rated
  PTC protected power-limited outputs.

ALTV248175UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC or
  6.25 amp @ 28VAC max. power.
- Eight (8) fuse protected
  non power-limited outputs.
- Illuminated master power switch.

Enclosure dimensions:
12.25"H x 7.75"W x 4.5"D

ALTV248175ULCB
- ALTV248175UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

ALTV248300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or
  10 amp @ 28VAC max. power.
- Eight (8) fuse protected
  non power-limited outputs.
- Illuminated master power switch.

Enclosure dimensions:
12.25"H x 7.75"W x 4.5"D

ALTV248300ULCB
- ALTV248300UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz. input.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

ALTV248UL

Altronix

AC POWER SUPPLIES

Eight (8) Output

ALTV248300ULM
- Compact version of AL248300UL.
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV248300ULCBM
- ALTV248300ULM with Eight (8) Class 2 Rated PTC protected power-limited outputs.

ALTV248600UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC or 20 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.
- Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV248600ULCB
- ALTV248600UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

122

Features:
- 115VAC 60Hz. input.
- Illuminated master power switch.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord
  (add suffix "3" to model number).

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ALTV248600UL

AC POWER SUPPLIES

Sixteen (16) Output

ALTV2416ULX
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC
  or 6 amp @ 28VAC max. power.
- Sixteen (16) fuse protected
  non power-limited outputs.
- Power ON/OFF switch.
- Includes cam lock.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2416ULCBX
- ALTV2416ULX with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

ALTV2416300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or
  10 amp @ 28VAC max. power.
- Sixteen (16) fuse protected
  non power-limited outputs.
- Illuminated master power switch.
- Includes cam lock.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2416300ULCB
- ALTV2416300UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

ALTV2416300ULM
- Compact version of ALTV2416300UL.
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or
  10 amp @ 28VAC max. power.
- Sixteen (16) fuse protected
  non power-limited outputs.
- Illuminated master power switch.
Enclosure dimensions:
8.5"H x 7.5"W x 3.75"D

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ALTV2416300ULCBM
- ALTV2416300ULM with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

Features:
- 115VAC 60Hz. input.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

ALTV2416300ULCBM

Altronix

AC POWER SUPPLIES

Sixteen (16) Output

ALTV2416600UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC or 20 amp @ 28VAC max. power.
- Sixteen (16) fuse protected non power-limited outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV2416600ULCB
- ALTV2416600UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

Features:
- 115VAC 60Hz. input.
- Illuminated master power switch.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Includes cam lock.

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

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ALTV2416600UL

AC POWER SUPPLIES

Thirty-two (32) Output

ALTV2432300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV2432300ULCB
- ALTV2432300UL with Thirty-two (32) Class 2 Rated PTC protected power-limited outputs.

ALTV2432600UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC or 20 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected outputs.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV2432600ULCB
- ALTV2432600UL with Thirty-two (32) Class 2 Rated PTC protected power-limited outputs.

Features:
- 115VAC 60Hz. input.
- Illuminated master power switch.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Includes cam lock.

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

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ALTV2432600UL

Altronix

AC POWER SUPPLIES

Four (4) Output

ALTV244
- CE Approved.
- 4 amp @ 24VAC or
  3.5 amp @ 28VAC max. power.
- Four (4) fuse protected outputs.
- Power ON/OFF switch.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV244CB
- ALTV244 with Four (4)
  PTC protected outputs.

ALTV244175
- CE Approved.
- 7.25 amp @ 24VAC or
  6.25 amp @ 28VAC max. power.
- Four (4) fuse protected outputs.
- Illuminated master power switch.

Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV244175CB
- ALTV244175 with Four (4)
  PTC protected outputs.

ALTV244300
- CE Approved.
- 12.5 amp @ 24VAC or
  10 amp @ 28VAC max. power.
- Four (4) fuse protected outputs.
- Illuminated master power switch.

Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV244300CB
- ALTV244300 with Four (4)
  PTC protected outputs.

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Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

CE

ALTV244

AC POWER SUPPLIES

Eight (8) Output

ALTV248
- CE Approved.
- 4 amp @ 24VAC
  or 3.5 amp @ 28VAC max. power.
- Eight (8) fuse protected outputs.
- Power ON/OFF switch.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV248CB
- ALTV248 with Eight (8)
  PTC protected outputs.

ALTV248175
- CE Approved.
- 7.25 amp @ 24VAC or
  6.25 amp @ 28VAC max. power.
- Eight (8) fuse protected outputs.
- Illuminated master power switch.
Enclosure dimensions:
12.25"H x 7.75"W x 4.5"D

ALTV248175CB
- ALTV248175 with Eight (8)
  PTC protected outputs.

ALTV248300
- CE Approved.
- 14 amp @ 24VAC or
  12.5 amp @ 28VAC max. power.
- Eight (8) fuse protected outputs.
- Illuminated master power switch.
Enclosure dimensions:
12.25"H x 7.75"W x 4.5"D

ALTV248300CB
- ALTV248300 with Eight (8)
  PTC protected outputs.

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Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

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ALTV248300CB

Altronix

AC POWER SUPPLIES

Eight (8) Output

ALTV248300M
- Compact version of ALTV248300.
- CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Eight (8) fuse protected outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV248300CBM
- ALTV248300M with Eight (8) PTC protected outputs.

ALTV248600
- CE Approved.
- 28 amp @ 24VAC or 25 amp @ 28VAC max. power.
- Eight (8) fuse protected outputs.
- Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV248600CB
- ALTV248600 with Eight (8) PTC protected outputs.

Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- Illuminated master power switch.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

CE

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ALTV248300CBM

AC POWER SUPPLIES

Sixteen (16) Output

ALTV2416
- CE Approved.
- 8 amp @ 24VAC or 7 amp @ 28VAC max. power.
- Sixteen (16) fuse protected outputs.
- Power ON/OFF switch.

Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV2416CB
- ALTV2416 with Sixteen (16) PTC protected outputs.

ALTV2416350
- CE Approved.
- 14 amp @ 24VAC or 12.5 amp @ 28VAC max. power.
- Sixteen (16) fuse protected outputs.
- Illuminated master power switch.
- Includes cam lock.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV2416350CB
- ALTV2416350 with Sixteen (16) PTC protected outputs.

ALTV2416600
- CE Approved.
- 28 amp @ 24VAC or 25 amp @ 28VAC max. power.
- Sixteen (16) fuse protected outputs.
- Illuminated master power switch.
- Includes cam lock.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV2416600CB
- ALTV2416600 with Sixteen (16) PTC protected outputs.

ALTV2416

Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

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AC POWER SUPPLIES

Thirty-two (32) Output

ALTV2432
- CE Approved.
- 8 amp @ 24VAC or 7 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected outputs.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2432CB
- ALTV2432 with Thirty-two (32) PTC protected outputs.

ALTV2432350
- CE Approved.
- 14 amp @ 24VAC or 12.5 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected outputs.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2432350CB
- ALTV2432350 with Thirty-two (32) PTC protected outputs.

ALTV2432600
- CE Approved.
- 28 amp @ 24VAC or 25 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected outputs.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2432600CB
- ALTV2432600 with Thirty-two (32) PTC protected outputs.

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Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- Illuminated master power switch.
- AC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Includes cam lock.

CE

ALTV2432350

Altronix

ISOLATED AC POWER SUPPLIES

Eight (8) Output

ALTV248ULHi
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC max. power.
- Eight (8) 1.56 amp fuse protected isolated outputs.

Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV248ULCBHi
- ALTV248ULHi with Eight (8) Class 2 Rated PTC protected power-limited isolated outputs.

ALTV248ULMi
- Compact version of ALTV248ULHi.
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC max. power.
- Eight (8) 1.56 amp fuse protected isolated outputs.

Enclosure dimensions:
8.5"H x 7.5"W x 3.75"D

ALTV248ULCBMi
- ALTV248ULMi with Eight (8) Class 2 Rated PTC protected power-limited isolated outputs.

Sixteen (16) Output

ALTV2416ULi
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC max. power.
- Sixteen (16) 1.56 amp fuse protected isolated outputs.
- Includes cam lock.

Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV2416ULCBi
- ALTV2416ULi with Sixteen (16) Class 2 Rated PTC protected power-limited isolated outputs.

131

Features:
- 115VAC 60Hz. input.
- Illuminated master power switch.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

ALTV248ULHi

Altronix

COMBINATION AC/DC POWER SUPPLIES

Four (4) Output

ALTV1224C4

• 12VDC and 24VAC output.
• 2 amp @ 12VDC and 4 amp @ 24VAC max. power.
• 6 amp total supply current.
• Four (4) individually fuse protected outputs:
  - Two (2) outputs @ 12VDC.
  - Two (2) outputs @ 24VAC.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

Sixteen (16) Output

ALTV1224C

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• CE Approved.
• 12VDC and 24VAC output.
• 3.5 amp @ 12VDC and 3.5 amp @ 24VAC max. power.
• 7 amp total supply current.
• Sixteen (16) individually fuse protected outputs:
  - Eight (8) outputs @ 12VDC.
  - Eight (8) outputs @ 24VAC.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

132

Features:
• 115VAC 50/60Hz. input (220VAC versions available).
• Power ON/OFF switch.
• DC outputs are filtered and electronically regulated.
• AC and DC power LED indicators.
• Spare fuses provided (all models with primary and/or secondary fuses).
• Includes cam lock.

ALTV1224C

Altronix

DC POWER SUPPLIES

Four (4) Output

ALTV615DC4UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 24VAC/50VA input
  - Operates from separate plug-in transformer (order model # TP2450).
- 2.5 amp @ 6VDC-12VDC or 2 amp @ 12VDC-15VDC max. power.
- Four (4) Class 2 Rated fuse protected power-limited outputs.
- Power ON/OFF switch.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

ALTV615DC44ULM
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 115VAC 60Hz. input (220VAC version available, not UL/CUL Listed).
- 4 amp @ 6VDC-15VDC max. power.
- Four (4) Class 2 Rated fuse protected power-limited outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV615DC44ULCBM
- ALTV615DC44ULM with Four (4) Class 2 Rated PTC protected power-limited outputs.

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

133

Features:
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- AC and DC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

ALTV615DC4UL

Altronix

DC POWER SUPPLIES

Eight (8) Output

ALTV615DC8UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6VDC-15VDC max. power.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.
- Includes cam lock.

Enclosure dimensions: 13.5"H x 13"W x 3.25"D

ALTV615DC8ULCB
- ALTV615DC8UL with Eight (8) Class 2 Rated
  PTC protected power-limited outputs.

ALTV615DC48ULM
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6VDC-15VDC max. power.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.

Enclosure dimensions: 8.5"H x 7.5"W x 3.75"D

ALTV615DC48ULCBM
- ALTV615DC48ULM with Eight (8) Class 2 Rated
  PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz input (220VAC versions available, not UL/CUL Listed).
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- AC and DC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

ALTV615DC8UL

Altronix

DC POWER SUPPLIES

Sixteen (16) Output

ALTV615DC416UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6VDC-15VDC max. power.
- Sixteen (16) Class 2 Rated fuse protected power-limited outputs.
- Includes cam lock.

Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV615DC416ULCB
- ALTV615DC416UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

ALTV615DC416ULCBM
- Compact version of ALTV615DC416ULCB.
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6VDC-15VDC max. power.
- Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

Enclosure dimensions:
8.5"H x 7.5"W x 3.75"D

ALTV615DC616UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 6 amp @ 6VDC-15VDC max. power.
- Sixteen (16) fuse protected non power-limited outputs.
- Includes cam lock.

Enclosure dimensions:
13.5"H x 13"W x 3.25"D

ALTV615DC616ULCB
- ALTV615DC616UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

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ALTV615DC616UL

Features:
- 115VAC 60Hz. input.
- 6VDC-15VDC selectable outputs.
- Illuminated master power switch.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- AC and DC power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).

* Optional factory installed 3-wire line cord (add suffix "3" to model number).

Altronix

SAV DC POWER SUPPLIES

Four (4) Output

SAV4D
• 5 amp @ 12VDC.
• Four (4) PTC protected power-limited outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

Nine (9) Output

SAV9D
• 5 amp @ 12VDC.
• Nine (9) PTC protected power-limited outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

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Eighteen (18) Output

SAV18D
• 5 amp @ 12VDC.
• Eighteen (18) PTC protected power-limited outputs.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

SAV182D
• 11 amp @ 12VDC.
• Eighteen (18) PTC protected power-limited outputs.
• Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

SAV9D

Features:
• UL Listed in the U.S. and Canada for CCTV.
• 115VAC/230VAC input.
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.

• Individual power LED indicators.
• Field installable grounded line cord or can be hard wired.

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DC POWER SUPPLIES

Thirty-six (36) Output

SAV36D
• 11 amp @ 12VDC.
• Thirty-six (36) PTC protected power-limited outputs.
• Includes cam lock.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

Features:
• UL Listed in the U.S. and Canada for CCTV.
• 115VAC/230VAC input.
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.
• Individual power LED indicators.
• Field installable grounded line cord or can be hard wired.

SAV36D

DC POWER SUPPLIES

Sixteen (16) Output

ALTV615DC1016
• 10 amp @ 6VDC-15VDC max. power.
• Sixteen (16) fuse protected outputs.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

ALTV615DC1016CB
• ALTV615DC1016 with Sixteen (16) PTC protected outputs.

Features:
• 115VAC 50/60Hz input
  (220VAC versions available).
• Illuminated master power switch.
• Filtered and electronically regulated output(s).
• Short circuit and thermal overload protection.
• Spare fuses provided (all models with primary
  and/or secondary fuses).
• AC and DC power LED indicators.
• Includes cam lock.

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Altronix

RESERV®

video surveillance UPS

Battery backup 24/7

RESERV® VIDEO SURVEILLANCE UPS

ReServ1
- Sixteen (16) power outputs:
  - Twelve (12) true sine wave regulated 24VAC outputs @ 4 amp total supply current.
  - Four (4) regulated 12VDC outputs @ 2 amp total supply current.

ReServ1WP
- ReServ1 with NEMA4 / IP66 Rated outdoor enclosure.
Enclosure dimensions: 17.5"H x 12"W x 6.625"D

Stand-by time (for all Reserv models):

Batteries	4 amp (100VA) max. Load at 24VAC and/or 12VDC
Two (2) 12VDC/7AH	45 minutes
Two (2) 12VDC/12AH	90 minutes

*Stand-by times are approximate.

RESERV1

(order batteries separately)

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Features:
- UL Listed in the U.S. and Canada for Information Technology Equipment.
- PTC protected power-limited outputs.
- Individual power LED indicators.
- Low voltage input and Shutdown LED indicators.
- AC fail and low battery supervision.

- Audible alarm provides notification of UPS trouble conditions.
- Built-in charger for sealed lead acid or gel type batteries.
- Enclosure accommodates two (2) 12VDC/7AH batteries (order separately).
- Includes cam lock and battery leads.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

altronix.com

Altronix

RESERV® VIDEO SURVEILLANCE UPS

ReServ2
- Sixteen (16) true sine wave regulated 24VAC outputs @ 4 amp total supply current.

ReServ2WP
- ReServ2 with NEMA4 / IP66 Rated outdoor enclosure.
Enclosure dimensions: 17.5"H x 12"W x 6.625"D

ReServ3
- Sixteen (16) regulated 12VDC outputs @ 8 amp total supply current.

ReServ3WP
- ReServ3 with NEMA4 / IP66 Rated outdoor enclosure.
140 Enclosure dimensions: 17.5"H x 12"W x 6.625"D

ReServ4WP
- Four (4) power outputs:
  - Two (2) true sine wave regulated 24VAC outputs @ 4 amp total supply current.
  - Two (2) regulated 12VDC outputs @ 1 amp total supply current.
- NEMA4 / IP66 Rated outdoor enclosure.
Enclosure dimensions: 17.5"H x 12"W x 6.625"D
* ReServ4WP is not UL Listed.

Features:
- UL Listed in the U.S. and Canada for Information Technology Equipment.
- PTC protected power-limited outputs.
- Individual power LED indicators.
- Low voltage input and Shutdown LED indicators.
- AC fail and low battery supervision.
- Audible alarm provides notification of UPS trouble conditions.
- Built-in charger for sealed lead acid or gel type batteries.
- Enclosure accommodates two (2) 12VDC/7AH batteries (order separately).
- Includes cam lock and battery leads.
Enclosure dimensions: 13.5"H x 13"W x 3.25"D

$_c$(UL)$_{us}$ CE

RESERV3WP

RESERV2

Order Batteries Separately

Altronix

888.258.7669

OUTDOOR AC POWER SUPPLIES

Four (4) Output

WPTV244175UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC or 6.25 amp @ 28VAC max. power.
- One (1) fuse protected non power-limited output rated @ 10 amp/250V (for high current devices such as heaters and pan tilt mechanisms).
- Three (3) Class 2 Rated PTC protected power-limited outputs rated @ 2.5 amp (for camera power).

Enclosure dimensions: 12"H x 8"W x 6"D

WPTV244300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- One (1) fuse protected non power-limited output rated @ 15 amp/32V (for high current devices such as heaters and pan tilt mechanisms).
- Three (3) Class 2 Rated PTC protected power-limited outputs rated @ 2.5 amp (for camera power).

Enclosure dimensions: 12"H x 8"W x 6"D

Features:
- 115VAC 60Hz. input (220VAC versions available, not UL/CUL Listed).
- Illuminated master power switch.
- AC power LED indicator.
- Surge suppression.
- Spare fuses provided (all models with primary and/or secondary fuses).
- NEMA 4/IP 65 Rated enclosure for outdoor use.

WPTV244300UL

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OUTDOOR AC POWER SUPPLIES

Eight (8) Output

WPTV248UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 3.5 amp @ 24VAC or 3 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.

Enclosure dimensions: 12"H x 8"W x 6"D

WPTV248ULCB
- WPTV248UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

WPTV248175UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC or 6.25 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.

Enclosure dimensions: 12"H x 8"W x 6"D

WPTV248175ULCB
- WPTV248175UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

WPTV248300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.

Enclosure dimensions: 12"H x 8"W x 6"D

WPTV248300ULCB
- WPTV248300UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

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Features:
- 115VAC 60Hz input (220VAC versions available, not UL/CUL Listed).
- Illuminated master power switch.
- AC power LED indicator.
- Surge suppression.
- Spare fuses provided (all models with primary and/or secondary fuses).
- NEMA 4/IP 65 Rated enclosure for outdoor use.

WPTV248175UL

Altronix

888.258.7669

WAYPOINT™
versatile outdoor power solutions

Multi-output power for outdoor applications

WAYPOINT OUTDOOR AC POWER SOLUTIONS

WayPoint10A
- Output Power Options:
  - a) 24VAC @ 4 amp max.
  - b) 28VAC @ 3.5 amp max.
  - c) Both 24VAC and 28VAC not to exceed 3.5 amp max
- One (1) 24VAC output and one (1) 28VAC output.
- Fuse output rated @ 5 amp/250V.
- 115/230VAC input.
Enclosure dimensions: 13.31"H x 11.31"W x 5.59"D

WayPoint10ADU
- WayPoint10A with two (2) PTC protected outputs.

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WayPoint17A
- Output Power Options:
  - a) 24VAC @ 7.25 amp max.
  - b) 28VAC @ 6.25 amp max.
  - c) Both 24VAC and 28VAC not to exceed 6.25 amp max.
- One (1) 24VAC output and one (1) 28VAC output.
- Fuse output rated @ 10 amp/250V.
- 115/230VAC input.
Enclosure dimensions: 13.31"H x 11.31"W x 5.59"D

WayPoint17A4U
- WayPoint17A with four (4) 24VAC or 28VAC fuse protected outputs.

WayPoint17A4DU
- WayPoint17A with four (4) 24VAC or 28VAC PTC protected outputs.

Features:
- UL Listed in the US & Canada, CE Approved.
- Provides power for outdoor cameras, IR illuminators, security devices, etc.
- Surge suppression.
- Individual power output LED indicators.
- Illuminated master power switch.
- Spare fuses included.
- Integral flanges and lightweight design simplify mounting.
- NEMA 4/4X, IP66-11 Rated outdoor enclosure with lockable latches.

WAYPOINT17A4

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WAYPOINT OUTDOOR AC POWER SOLUTIONS

WayPoint30A
- Output Power Options:
  a) 24VAC @ 12.5 amp max.
  b) 28VAC @ 10 amp max.
  c) Both 24VAC and 28VAC not to exceed 10 amp max.
- Two (2) 24VAC outputs and two (2) 28VAC outputs.
- Fuse output rated @ 15 amp/32V.
- 115/230VAC input.
Enclosure dimensions: 13.31"H x 11.31"W x 5.59"D

WayPoint30A4U
- WayPoint30A with four (4) 24VAC or 28VAC fuse protected outputs.

WayPoint30A4DU
- WayPoint30A with four (4) 24VAC or 28VAC PTC protected outputs.

WayPoint30A8U
- WayPoint30A with eight (8) 24VAC or 28VAC fuse protected outputs.

WayPoint30A8DU
- WayPoint30A with eight (8) 24VAC or 28VAC PTC protected outputs.

WayPoint307A
- Output Power Options:
  a) 24VAC @ 12.5 amp max.
  b) 28VAC @ 10 amp max.
  c) Both 24VAC and 28VAC not to exceed 10 amp max.
- Two (2) 24VAC outputs and two (2) 28VAC outputs.
- Output fuses rated @ 15 amp/32V.
- 277VAC input.
- This unit is not UL Listed.
Enclosure dimensions:
13.31"H x 11.31"W x 5.59"D

WAYPOINT30A

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Features:
- UL Listed in the US and Canada, CE Approved.
- Provides power for outdoor cameras, IR illuminators, security devices, etc.
- Surge suppression.
- Individual power output LED indicators.

- Illuminated master power switch.
- Spare fuses included.
- Integral flanges and lightweight design simplif mounting.
- NEMA 4/4X, IP66-11 Rated outdoor enclosure with lockable latches.

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WAYPOINT™ OUTDOOR DC POWER SOLUTIONS

Single Output

WayPoint3
- 2.5 amp @ 12VDC or 24VDC.
- 115/230VAC input.
Enclosure dimensions:
13.31"H x 11.31"W x 5.59"D

WayPoint5
- 4 amp @ 12VDC or 24VDC.
- 115/230VAC input.
Enclosure dimensions:
13.31"H x 11.31"W x 5.59"D

WayPoint7
- 6 amp @ 12VDC or 24VDC..
- 115VAC input.
Enclosure dimensions:
13.31"H x 11.31"W x 5.59"D

WayPoint7V
- Same as Waypoint7 with 230VAC input.

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Features:
- CE Approved.
- Provides power for outdoor cameras, IR illuminators, security devices, etc.
- AC and DC power LED indicators.
- Includes battery leads.
- Integral flanges and lightweight design simplify mounting.
- NEMA 4/4X, IP66-11 Rated outdoor enclosure with lockable latches.

CE

WAYPOINT7

OUTDOOR POLE MOUNT KIT

PMK1
- Designed to simplify installation of any Altronix outdoor rated power supplies and accessories housed in WP1, WP2, WP3 and WP4 NEMA rated enclosures.

Features:
- Simplifies mounting and overall installation.
- Accommodates 2"- 8" (diameter) pole or 5" square pole.
- Kit includes: two (2) powder coated steel mounting brackets, two (2) wormgear quick release straps, four (4) stainless steel bolts and lock washers.

PMK1

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Altronix
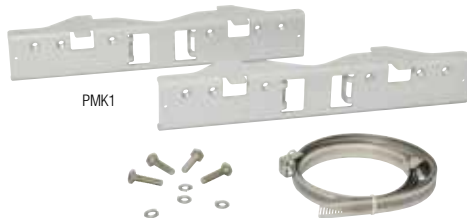
VERTILINE®

rack mount power

Centralized power
for AC/DC cameras

VERTILINE RACK MOUNT AC POWER SUPPLIES

Eight (8) Output

VertiLine8C
• UL Listed in the U.S. and Canada for CCTV.
• 115VAC input.
• 5 amp @ 24VAC or 28VAC total output current.
• Eight (8) fuse protected outputs.

VertiLine8
• VertiLine8C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

VertiLine83C
• UL Listed in the U.S. and Canada for CCTV.
• 115VAC input.
• 10 amp @ 24VAC or 28VAC total output current.
• Eight (8) fuse protected outputs.

VertiLine83
• VertiLine83C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

Eight (8) Output with Isolation

VertiLine8i
• UL Listed in the U.S. and Canada for CCTV.
• 115VAC or 230VAC selectable input.
• 8 amp @ 24VAC or 28VAC total output current
  (1 amp max per output).
• Electronically isolated camera power.
• Eight (8) fuse protected isolated outputs.

Features:
• Individually selectable 24VAC or 28VAC power outputs with OFF position.
• Illuminated master power switch.
• Power LED indicators.
• External easy to replace blade type fuses.
• Spare fuses provided (all models with primary and/or secondary fuses).
• Removable terminal blocks with locking screw flanges.
• IEC 320 - 3-wire grounded line cord (detachable).
• Compact 1U EIA 19" rack mount chassis.
• Unit can be rack, shelf or wall mounted.

VERTILINE8C

All VertiLine models are available with PTC protected outputs.
Add suffix "D" to model number (i.e. VertiLine8CD).
For isolated models add suffix "Di" to model number (i.e. VertiLine8Di).

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Altronix

VERTILINE® RACK MOUNT AC POWER SUPPLIES

Sixteen (16) Output

VertiLine16C
- UL Listed in the U.S. and Canada for CCTV.
- 115VAC input.
- 10 amp @ 24VAC or 28VAC total output current.
- Sixteen (16) fuse protected outputs.

VertiLine16
- VertiLine16C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

VertiLine166C
- UL Listed in the U.S. and Canada for CCTV.
- 115VAC input.
- 14 amp @ 24VAC or 28VAC total output current.
- Sixteen (16) fuse protected outputs.

VertiLine166
- VertiLine166C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

Sixteen (16) Output with Isolation

VertiLine16i
- UL Listed in the U.S. and Canada for CCTV.
- 115VAC or 230VAC selectable input.
- 16 amp @ 24VAC or 28VAC total output current
  (1 amp max per output).
- Sixteen (16) fuse protected isolated outputs.

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Features:
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- Illuminated master power switch.
- Power LED indicators.
- External easy to replace blade type fuses.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Removable terminal blocks with locking screw flanges.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

VERTILINE16C

All VertiLine models are available with PTC protected outputs.
Add suffix "D" to model number (i.e. VertiLine16CD).
For isolated models add suffix "Di" to model number (i.e. VertiLine16Di).

VERTILINE® RACK MOUNT AC POWER SUPPLIES

Twenty-four (24) Output

VertiLine24C
- UL Listed in the U.S. and Canada for CCTV.
- 115VAC input.
- 10 amp @ 24VAC or 28VAC total output current.
- Twenty-four (24) fuse protected outputs.

VertiLine24
- VertiLine24C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

VertiLine246C
- UL Listed in the U.S. and Canada for CCTV.
- 115VAC input.
- 14 amp @ 24VAC or 28VAC total output current.
- Twenty-four (24) fuse protected outputs.

VertiLine246
- VertiLine246C with 115/230VAC selectable input.
  - UL Listed in the U.S. for CCTV.

Features:
- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- Illuminated master power switch.
- Power LED indicators.
- External easy to replace blade type fuses.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Removable terminal blocks with locking screw flanges.
- IEC 320 - 3-wire grounded line cord (detachable).
- Compact 1U EIA 19" rack mount chassis.
- Unit can be rack, shelf or wall mounted.

All VertiLine models are available with PTC protected outputs.
Add suffix "D" to model number (i.e. VertiLine24CD).

VERTILINE24C

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Altronix Ⓡ

VERTILINE® RACK MOUNT DC POWER SUPPLIES

Eight (8) Output

VertiLine3D
• 8 amp @ 12VDC total output current.
• Eight (8) PTC protected outputs.

VertiLine6D
• 8 amp @ 24VDC total output current.
• Eight (8) PTC protected outputs.

Sixteen (16) Output

VertiLine33D
• 8 amp @ 12VDC total output current.
• Sixteen (16) PTC protected outputs.

VertiLine33TD
• 16 amp @ 12VDC total output current.
• Sixteen (16) PTC protected outputs.

VertiLine63D
• 8 amp @ 24VDC total output current.
• Sixteen (16) PTC protected outputs.

VertiLine63TD
• 16 amp @ 24VDC total output current.
• Sixteen (16) PTC protected outputs.

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Features: CE
• CE Approved.
• 115VAC input.
• Power LED indicators.
• Filtered and electronically regulated outputs.
• Illuminated master power switch.
• Removable terminal blocks w/locking screw flanges.
• Blade fuses are external on fuse protected models.
• IEC 320 - 3-wire grounded line cord (detachable).
• Compact 1U EIA 19" rack mount chassis.
• Unit can be rack, shelf or wall mounted.

VERTILINE6D

RACK MOUNT AC POWER SUPPLIES

Eight (8) Output

R248UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 3.5 amp @ 24VAC or 3 amp @ 28VAC max. power.
- Eight (8) fuse protected non power-limited outputs.

R248ULCB
- R248UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

R2416UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 7 amp @ 24VAC or 6 amp @ 28VAC max. power.
- Sixteen (16) fuse protected non power-limited outputs.

R2416ULCB
- R2416UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

R2416300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Sixteen (16) fuse protected non power-limited outputs.

R2416300ULCB
- R2416300UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

153

Features:
- 115VAC 60Hz. input (220VAC versions available, not UL/CUL Listed).
- Illuminated master power switch.
- Power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Removable terminal blocks with locking screw flanges.
- 3-wire grounded line cord.
- 2U rack mount chassis for use in standard EIA 19" rack.

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R2416UL

Altronix

RACK MOUNT AC POWER SUPPLIES

Sixteen (16) Output

Thirty-two (32) Output

R2416600UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC or 20 amp @ 28VAC max. power.
- Sixteen (16) fuse protected non power-limited outputs.

R2416600ULCB
- R2416600UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

R2432300UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 12.5 amp @ 24VAC or 10 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected non power-limited outputs.

R2432300ULCB
- R2432300UL with Thirty-two (32) Class 2 Rated PTC protected power-limited outputs.

R2432600UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 25 amp @ 24VAC or 20 amp @ 28VAC max. power.
- Thirty-two (32) fuse protected non power-limited outputs.

R2432600ULCB
- R2432600UL with Thirty-two (32) Class 2 Rated PTC protected power-limited outputs.

154

Features:
- 115VAC 60Hz. input (220VAC versions available, not UL/CUL Listed).
- Illuminated master power switch.
- Power LED indicators.
- Spare fuses provided (all models with primary and/or secondary fuses).
- Removable terminal blocks with locking screw flanges.
- 3-wire grounded line cord.
- 2U rack mount chassis for use in standard EIA 19" rack.

R2432300UL

ISOLATED RACK AC MOUNT POWER SUPPLIES

Eight (8) Output

R248ULi
• UL Listed in the U.S. and Canada for CCTV, CE Approved.
• 12.5 amp @ 24VAC max. power.
• Eight (8) 1.56 amp fuse protected non power-limited electronically isolated outputs.

R248ULCBi
• R248ULi with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

R2416ULi
• UL Listed in the U.S. and Canada for CCTV, CE Approved.
• 25 amp @ 24VAC max. power.
• Sixteen (16) 1.56 amp fuse protected non power-limited electronically isolated outputs.

R2416ULCBi
• R2416ULi with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

Features:
• 115VAC 60Hz input (220VAC versions available, not UL/CUL Listed).
• Illuminated master power switch.
• Power LED indicators.
• Spare fuses provided (all models with primary and/or secondary fuses).
• Removable terminal blocks with locking screw flanges.
• 3-wire grounded line cord.
• 2U rack mount chassis for use in standard EIA 19" rack.

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R248ULi

Altronix

RACK MOUNT DC POWER SUPPLIES

Eight (8) Output

R615DC8UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6-15VDC max. power.
- Eight (8) Class 2 Rated fuse protected power-limited outputs.

R615DC8ULCB
- R615DC8UL with Eight (8) Class 2 Rated PTC protected power-limited outputs.

Sixteen (16) Output

R615DC416UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 4 amp @ 6-15VDC max. power.
- Sixteen (16) Class 2 Rated fuse protected power-limited outputs.

R615DC416ULCB
- R615DC416UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

R615DC616UL
- UL Listed in the U.S. and Canada for CCTV, CE Approved.
- 6 amp @ 6-15VDC max. power.
- Sixteen (16) fuse protected non power-limited outputs.

R615DC616ULCB
- R615DC616UL with Sixteen (16) Class 2 Rated PTC protected power-limited outputs.

156

Features:
- 115VAC 60Hz input (220VAC versions available, not UL/CUL Listed).
- Illuminated master power switch.
- Filtered and electronically regulated output(s).
- Short circuit and thermal overload protection.
- Power LED indicators.
- Removable terminal blocks with locking screw flanges.
- 3-wire grounded line cord.
- 2U rack mount chassis for use in standard EIA 19" rack.

R615DC616UL

RACK MOUNT DC POWER SUPPLIES

Sixteen (16) Output

R615DC1016
- 10 amp @ 6-15VDC max. power.
- Sixteen (16) fuse protected outputs.

R615DC1016CB
- R615DC1016 with Sixteen (16) PTC protected outputs.

Features:
- 115VAC 50/60Hz. input (220VAC versions available).
- Illuminated master power switch.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

- Power LED indicators.
- Removable terminal blocks with locking screw flanges.
- 3-wire grounded line cord.
- 2U rack mount chassis for use in standard EIA 19" rack.

Sixteen (16) Output

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R1224DC16CB
- UL Listed in the U.S. and Canada for Specialty Power Supply.
- Sixteen (16) Class 2 Rated PTC protected power-limited outputs.
- Groups of four (4) outputs are selectable for 12VDC or 24VDC.
- 18 amp total output.

R1224DC16CB

Features:
- 115VAC 60Hz. input.
- Illuminated master power switch.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.
- Power LED indicators.

- Removable terminal blocks with locking screw flanges.
- 3-wire grounded line cord.
- 2U rack mount chassis for use in standard EIA 19" rack.

* Unit does not charge batteries.

Altronix

Tempo

multi-function timers

Universal 2-Stage Timers

Tempo UNIVERSAL TWO STAGE TIMER

Tempo2
- Digital Test / Trigger Mode Timer is suitable for applications that require a timed operation. e.g. delayed egress with a programmable 1-60 second door release after delay expires, door prop alarm, door annunciator, alarm swinger eliminator, etc.

Board dimensions: 2.55"L x 3.0"W x 0.7"H

Features:
- 12 to 24VAC or VDC operation.
- Trigger input DC triggers via dry contact closure, or removal of contact closure.
- Output dry Form "C" contacts are 2 amp @ 120VAC/28VDC.
- Current draw: stand-by 15mA, relay energized 30mA.
- LCD display for ease of programming, and countdown feature.
- Dual function: test timer/one shot.
- EE Prom memory protects against loss of programming due to power failure.
- Simple programming.

One-shot features (trigger activated):
- Programmable relay activation at the start or end of the timing cycle.
  a. Delayed Pulse Mode: 1 to 60 sec. programmable pulse at the end of timing cycle.
  b. Delay Mode: Relay can be programmed to energize or de-energize during timing cycle (Digitally adjust from 1 sec.-24 hours).

Delayed Egress:

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Altronix
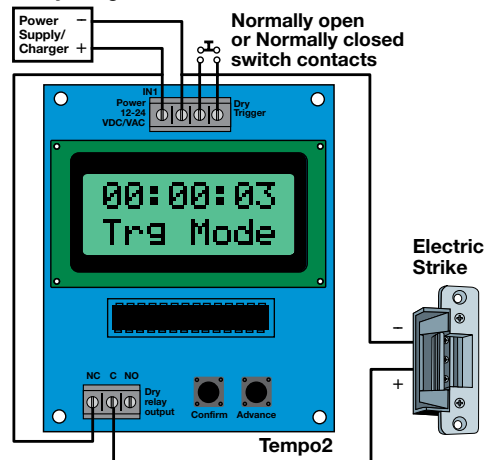
ANNUAL EVENT TIMERS

PT724A
- Single channel annual event timer.
- 12 to 24VAC or VDC operation.
- Stand-by current: 10mA (relay off) 50mA (relay on).
- Form "C" relay contacts are rated 10 amp @ 115VAC/28VDC.
- 50 individually programmed daily/weekly events.
- Block programming accommodates a total of 350 events per week.
- Ten (10) programmable Holiday dates.
- EE Prom memory protects against loss of programming due to power failure.
- Board dimensions: 5.25"L x 3"W x 1.1"H

PT724AE
- PT724A in enclosure.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

PT2724
- Two (2) channel annual event timer.
- 12 to 24VAC or VDC operation.
- Stand-by current: 10mA (relay off) 50mA (relay on) (per channel).
- Two (2) form "C" relay contacts are rated 10 amp @ 115VAC/28VDC.
- Tandem relay mode allows both channels to activate simultaneously for all events.
- 50 individually programmed daily/weekly events (per channel).
- Block programming accommodates a total of 350 events per week per channel.
- Ten (10) programmable Holiday dates per channel.
- EE Prom memory protects against loss of programming due to power failure.
Board dimensions: 5.25"L x 3.6"W x 1.1"H

PT2724E
- PT2724 in enclosure.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

AT4B
- Four (4) channel annual event timer.
- 12 to 24VAC or VDC operation.
- Stand-by current: 20mA (relay off) 40mA (relay on) (per relay).
- Four (4) form "C" relay contacts @ 115VAC/28VDC.
- Each relay operates independently.
- Momentary and/or latching events.
- 254 individually programmed daily/weekly events.
- Block programming accommodates a total of 1778 events per week.
- 254 programmable Holiday events.
- EE Prom memory protects against loss of programming due to power failure.
Board dimensions: 7"L x 5.5"W x 1.2"H

AT4
- AT4B in enclosure.
Enclosure dimensions: 12.25"H x 7.75"W x 4.5"D

AT4B

Features:
- "First man in" option.
- Standard or daylight savings time setting.
- Automatic compensation for leap year.
- Built-in charger for 12VDC sealed lead acid or gel type batteries.
- Lithium battery backup maintains clock (optional).

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MULTI-FUNCTION TIMERS

6062
- Multi-function timer.
- 12VDC or 24VDC operation.
- Form "C" relay contacts are 8 amp at 120VAC/28VDC.
- Current draw: stand-by 3mA, relay energized 40mA.
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closure.
- Selectable relay activation at the start or end of the timing cycle.
- One (1) second momentary relay activation at the end of the timing cycle (eliminates the need to use two (2) timers for this function).
- Built-in reset feature which cancels timing cycle.
- Applications include: access control, siren/bell cut off, dialer delay, guard tour supervisory, door ajar, etc.
- Snap Track compatible (order part# ST3)
- DIN rail mountable version available (order model# DTMR1).
Board dimensions: 3"L x 2.5"W x .75"H

Features:
- Quick and extremely accurate time range adjustment from 1 second to 60 minutes.
- Power LED indicator.
- Repeat (pulser/flasher mode).

6030
- Multi-function timer.
- Bell cut off/delay timer.
- 6VDC or 12VDC operation.
- Form "C" relay contacts are 8 amp at 115VAC/28VDC.
- Current draw: stand-by 3mA, relay energized 75mA.
- Relay activates at the end of the timing cycle.
- Applications include: siren/bell cut off, dialer delay, door ajar, etc.
- Snap Track compatible (order part# ST3)
Board dimensions: 3"L x 2.5"W x .75"H

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Altronix
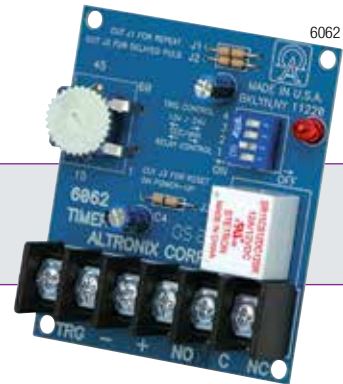
DOOR TIMERS

DL1
- Door control timer.
- 12 to 24 AC or DC operation.
- Dry relay output (1 Dry form "C" contact, rated @ 2 amp).
- Isolated AC or DC voltage 5V-24V trigger.
- Time adjustable from 1 second to 1 minute.
- 12VDC regulated sounder output.
- Momentary or maintained trigger.
Board dimensions: 1.5"L x 4"W x .75"H

DL3
- Door control timer.
- 12 to 24 AC or DC operation.
- Rectified voltage output.
- Isolated AC or DC voltage 5V-24V trigger.
- Time adjustable from 1 second to 1 minute.
- On-board sounding device.
- Momentary or maintained trigger.
- Powers 12VDC locks and strikes (300mA max.).
Board dimensions: 1.5"L x 4"W x .75"H

162
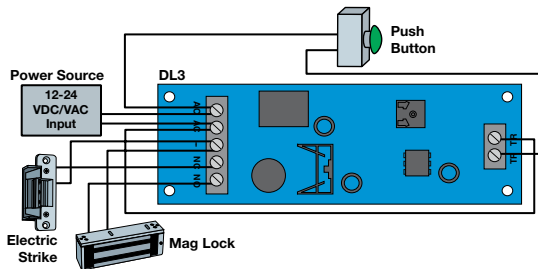
RELAY WITH BASE

AC Models

RAC24
• 24VAC operation.
• Current draw 45mA.

RAC120
• 120VAC operation.
• Current draw 12mA.

DC Models

RDC12
• 12VDC operation.
• Current draw 86mA.

RDC24
• 24VDC operation.
• Current draw 43mA.

RDC48
• 48VDC operation.
• Current draw 20mA.

RDC24

Features:
• UL Recognized.
• DPDT contacts rated at 10 amp/220VAC or 28VDC.
• DIN Rail mountable.

RELAY MODULES
(UL Listed)

RBUL
• UL Listed Burglar Alarm.
• 12VDC or 24VDC selectable operation.
• Current draw 30mA.
Board dimensions: 2.75"L x 2"W x 1.25"H

RBTUL
• UL Listed Burglar Alarm.
• 12VDC or 24VDC selectable operation.
• 3VDC to 24VDC, 2mA positive (+) trigger.
• Current draw 30mA.
Board dimensions: 2.75"L x 2"W x 1.25"H

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Features:
• SPDT contacts rated at 1 amp/28VDC.
• DIN Rail mountable Includes snap track (ST1).

RBTUL

* Refer to page 175 for DIN Rail Mounting Accessories.

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RELAY MODULES

RB1224
• 12VDC or 24VDC selectable operation.
• Current draw 75mA.
• DPDT contacts rated at
  5 amp/220VAC or 28VDC.
• Snap track mountable (order part# ST1).
Board dimensions: 2"L x 2.75"W x 1"H

RB30
• 12VDC or 24VDC selectable operation.
• Current draw 95mA.
• SPDT contacts rated at
  30 amp/120VAC or 28VDC.
• Heavy duty load switching applications.
• Snap track mountable (order part# ST1).
Board dimensions: 2"L x 2.75"W x .75"H

RBSN
• 12VDC or 24VDC selectable operation.
• Current draw 15mA.
• DPDT contacts rated at
  1 amp/120VAC or 2 amp/28VDC
• Snap track mountable (order part# ST1).
Board dimensions: 2"L x 2.75"W x 1"H

RBSNTTL
• Ultra sensitive relay.
• 12VDC to 24VDC selectable operation.
• 3VDC to 24VDC, 2mA isolated positive or
  negative trigger.
• Current draw 18mA.
• DPDT contacts rated at
  1 amp/120VAC or 2 amp/28VDC.
• Snap track mountable (order part# ST1).
Board dimensions: 2.75"L x 1.9"W x 1.1"H

RBST
• 6VDC, 12VDC or 24VDC selectable operation.
• Current draw 30mA.
• DPDT contacts rated at
  1 amp/120VAC or 2 amp/28VDC.
• Snap track mountable (order part# ST1).
Board dimensions: 2.75"L x 1.9"W x 1.1"H

RB5
• 6VDC or 12VDC selectable operation.
• Current draw 120mA.
• DPDT contacts rated at
  5 amp/220VAC or 28VDC.
• Snap track mountable (order part# ST1).
Board dimensions: 2.75"L x 1.9"W x 1.35"H

RB524
• 24VDC operation.
• Current draw 40mA.
• DPDT contacts rated at
  5 amp/220VAC or 28VDC.
• Snap track mountable (order part# ST1).
Board dimensions: 2.75"L x 1.9"W x 1.35"H

RBSN

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* Refer to page 175 for DIN Rail Mounting Accessories.

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RELAY MODULES

RB7
- Ultra sensitive relay cluster.
- 12VDC or 24VDC selectable operation.
- 3VDC to 24VDC positive trigger inputs.
- Seven (7) independent isolated SPDT contacts rated at 1 amp/120VAC or 28VDC.

Board dimensions: 6.5"L x 3.25"W x 1"H

RBOC7
- Open collector module.
- 12VDC or 24VDC selectable operation.
- 3VDC to 24VDC positive trigger inputs.
- Seven (7) independent open collector outputs capable of sinking 100mA each.

Board dimensions: 6.5"L x 3.25"W x 1"H

RB610
- Break away relay 6 pack.
- Each cluster contains six (6) relay modules which can easily be separated into quantity desired.
- 12VDC or 24VDC selectable operation.
- Current draw 50mA.
- SPDT contacts rated at 10 amp/120VAC or 28VDC.
- LEDs indicate relay is energized.
- Terminals handle up to 12 gauge wire.

Board dimensions: 2"L x 2.75"W x 1"H

RBR1224
- Electronic ratchet/toggle relay.
- 12VDC to 24VDC selectable operation.
- 3VDC to 24VDC positive or negative sensitive trigger inputs.
- Current draw 20mA.
- DPDT contacts rated at 0.5 amp/120VAC or 2 amp/28VDC.
- LEDs indicate relay is energized.
- Snap track mountable (order part# ST3).

Board dimensions: 3"L x 2.5"W x 1"H

* Refer to page 175 for DIN Rail Mounting Accessories..

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RB610

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DIN RAIL PRODUCTS

Power Supply/Chargers

DPS1
• 1.2 amp @ 6VDC or 12VDC or .75 amp @ 24VDC supply current.
• PTC battery protection.
• Plug-in transformer required.*
Board dimensions: 3"L x 2.5"W x 1.5"H

DPS3
• 2.5 amp @ 6VDC, 12VDC or 24VDC.
• Transformer required.*
Board dimensions: 3.5"L x 3"W x 2"H

DPS5
• 4 amp @ 6VDC, 12VDC or 24VDC.
• Transformer required.*
Board dimensions:
3.5"L x 2.75"W x 1.75"H

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Features:
• Filtered and electronically regulated output.
• Short circuit and thermal overload protection.
• Built-in charger for sealed lead acid or gel type batteries.
• AC input and DC power output LED indicators.
• Snap track, DIN Rail mounting clips and
  battery leads.

* Refer to page 175 for DIN Rail Mounting Accessories.

Power Distribution Modules

DP4
• Converts a single AC or DC input into four (4)
  individually fuse protected outputs.
• Handles up to 48VAC/VDC.
• Fuses are rated @ 3.5 amp/250V (Up to 5 amp fuses may be used).
• Power ON/OFF switch.
• Includes snap track and DIN Rail mounting clips.
Board dimensions: 3"L x 2.5"W x 1.5"H

DP4CB
• DP4 with PTC protected outputs.
• PTCs are rated @ 2.5 amp.

DPS3

Order DIN Rail separately

DIN RAIL PRODUCTS

Multi-Function Timer

DTMR1
- 12VDC or 24VDC selectable operation.
- Quick and extremely accurate time range adjustment from 1 sec. to 60 min.
- Form "C" relay contacts are 8 amp at 120VAC/28VDC.
- Current draw: stand-by 3mA, relay energized 40mA.
- Triggers via positive DC (+) voltage, dry contact closure, or removal of contact closure.
- Selectable relay activation at the start or end of the timing cycle.
- One (1) second momentary relay activation at the end of the timing cycle (eliminates the need to use two (2) timers for this function).
- Built-in reset feature which cancels timing cycle.
- Repeat (pulser/flasher) mode.
- Includes snap track, DIN Rail mounting clips and battery leads.

Board dimensions: 3"L x 2.5"W x 1.5"H

DTMR1

Order DIN Rail separately

Single Channel Annual Event Timer

DPT724A
- 12VDC to 24VDC selectable operation.
- Stand-by current: 10mA (relay off) 50mA (relay on).
- Battery charging current: 100mA.
- Form "C" relay contacts are rated 10 amp @ 120VAC/28VDC.
- EE Prom memory protects against loss of programming due to power failure.
- Accurate crystal controlled clock.
- Momentary and/or latching events.
- 50 individually programmed daily/weekly events.
- Block programming capacity can accommodate a total of 350 events per week.
- 10 programmable Holiday dates.
- "First man in" option.
- Alphanumeric LCD display simplifies programming.
- Standard or Daylight Savings Time settings.
- Automatic compensation for leap year.
- Built-in charger for 12VDC sealed lead acid or gel type batteries.
- Max. charge current 100mA.
- Lithium battery backup maintains clock (optional), (order part # LB2032).
- Includes snap track, DIN Rail mounting clips and battery leads.

Board dimensions: 5.25"L x 3"W x 1"H

* Refer to page 175 for DIN Rail Mounting Accessories.

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POWER DISTRIBUTION MODULES

Four (4) Output

PD4UL
- UL Listed Sub-Assembly for Access Control and Fire.
- Operates 12VDC/24VDC up to 10 amp or 24VAC/28VAC @ 12 amp.
- Four (4) fuse protected outputs.
Board dimensions: 5.25"L x 3.25"W x 1"H

PD4ULCB
- Same as PD4UL with PTC protected power-limited outputs.
- PTCs are rated @ 2.5 amp.

Eight (8) Output

PD8UL
- UL Listed Sub-Assembly for Access Control and Fire.
- Operates 12VDC/24VDC up to 10 amp or 24VAC/28VAC @ 12 amp.
- Eight (8) fuse protected outputs.
Board dimensions: 5.25"L x 3.25"W x 1"H

PD8ULCB
- Same as PD8UL with PTC protected power-limited outputs.
- PTCs are rated @ 2.5 amp.

Sixteen (16) Output

PD16W
- UL Listed Sub-Assembly for Access Control and Fire.
- Operates 12VDC/24VDC up to 10 amp or 24VAC/28VAC @ 12 amp.
- Sixteen (16) fuse protected outputs.
Board dimensions: 5.875"H x 6"W x 1"H

PD16WCB
- Same as PD16W with PTC protected power-limited outputs.
- PTCs are rated @ 2.5 amp.

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Features:
- Power LED indicator.
- Fuses rated @ 3.5 amp/250V.
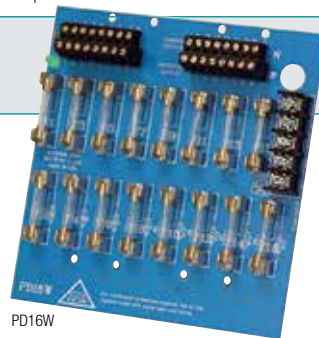
PD16W

POWER DISTRIBUTION MODULES

Four (4) Output

PD4
- Operates 28VAC or 28VDC up to 14 amp.
- Four (4) fuse protected outputs.
- Fuses are rated @ 3.5 amp/250V
  (Up to 5 amp/250V fuses may be used).
Board dimensions: 5.25"L x 3.25"W x 1"H

PD4CB
- Same as PD4 with PTC protected outputs.
- PTCs are rated @ 2.5 amp.

Eight (8) Output

PD8
- Operates 28VAC or 28VDC up to 14 amp.
- Eight (8) fuse protected outputs.
- Fuses are rated @ 3.5 amp/250V
  (Up to 5 amp/250V fuses may be used).
Board dimensions: 5.25"L x 3.25"W x 1"H

PD8CB
- Same as PD8 with PTC protected outputs.
- PTCs are rated @ 2.5 amp.

Features:
- Power ON/OFF switch.
- Power LED indicator.
- Main fuse rated @ 5A/250V.

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PD8

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AC TRANSFORMERS

115VAC Input

T1656
• 16VAC/56VA (3.5 amp) supply current.

T16100
• 16VAC/100VA (6.25 amp) supply current.

T16175
• 16VAC/175VA (11 amp) supply current.

T2856
• 28VAC/56VA (2 amp) supply current.

T2428100
170 • 24VAC/100VA (4 amp)
or 28VAC/100VA (3.5 amp) supply current.

T2428175
• 24VAC/175VA (7.25 amp)
or 28VAC/175VA (6.25 amp) supply current.

T2428300
• 24VAC/300VA (12.5 amp)
or 28VAC/300VA (10 amp) supply current.

115VAC/220VAC Input

T24130D
• 24VAC/100VA (4 amp) supply current.

T2885D
• 28VAC/100VA (3.5 amp) supply current.

T28140D
• 28VAC/175VA (6.25 amp) supply current.

T2856

AC PLUG-IN TRANSFORMERS

TP1220
• 12VAC/20VA (1.7 amp) supply current.

TP1620
• 16.5VAC/20VA (1.2 amp) supply current.

TP1640
• 16.5VAC/40VA (2.4 amp) supply current.

TP1650
• 16.5VAC/50VA (3 amp) supply current.

TP2420
• 24VAC/20VA (0.8 amp) supply current.

TP2440
• 24VAC/40VA (1.67 amp) supply current.

TP2450
• 24VAC/50VA (2.1 amp) supply current.

Features:
• UL Listed.
• 115VAC input.
• Fused secondary output.

TRANSFORMERS WITH ENCLOSURES

T2856C
• 115VAC input.
• 28VAC/56VA (2 amp) supply current.
• Primary fuse rated @ 3.5A/250V.
Enclosure dimensions: 5.625"H x 7"W x 4.5"D

T2428100C
• 115VAC input.
• 24VAC/100VA (4 amp) or 28VAC/100VA (3.5 amp) supply current.
• Primary fuse rated @ 3.5A/250V.
Enclosure dimensions: 5.625"H x 7"W x 4.5"D

T2428100C220
• T2428100C with 220VAC input.

T24130CP220
• 220VAC input.
• 24VAC/100VA (4 amp) or 28VAC/100VA (3.5 amp) supply current.
• Primary fuse rated @ 3.5A/250V.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

T2428175C
• 115VAC input.
• 24VAC/175VA (7.25 amp) or
  28VAC/175VA (6.25 amp) supply current.
• Primary fuse rated @ 10A/250V.
Enclosure dimensions:
5.625"H x 7"W x 4.5"D

T2428175C220
• T2428175C with 220VAC input.

T2428300E
• 115VAC input.
• 24VAC/300VA (12.5 amp) or 28VAC/280VA (10 amp) supply current.
• Primary fuse rated @ 15A/32V.
Enclosure dimensions:
12.5"H x 7.75"W x 4.5"D

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Features:
• Fused input protection.
• Screw terminal blocks accommodate up to 12 gauge wires.

T2428100C

POWER SUPPLY/BATTERY/ACCESSORY ENCLOSURES

BC100
• 19 gauge grey enclosure with ample knockouts for convenient access.
• Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
• NEMA 1 enclosure.
Enclosure dimensions: 8.5"H x 7.5"W x 3.5"D

BC200
• 19 gauge grey enclosure with ample knockouts for convenient access.
• Fits one (1) 12VDC/7AH or two (2) 12VDC/4AH batteries.
• NEMA 1 enclosure.
Enclosure dimensions: 12.25"H x 7.75"W x 4.5"D

BC300
• 19 gauge grey enclosure with ample knockouts for convenient access.
• Fits two (2) 12VDC/7AH batteries.
Enclosure dimensions:
13.5"H x 13"W x 3.25"D

BC300

BC300R
• Red BC300 enclosure.

BC400
• 19 gauge grey enclosure with ample knockouts for convenient access.
• Fits two (2) 12VDC/12AH batteries.
Enclosure dimensions: 15.5"H x 12.23"W x 4.5"D

BC400R
• Red BC400 enclosure.

BC400SG
• BC400 and battery shelf which facilitates additional stand-by batteries up to four (4) 12VDC/12AH max.

BC400SR
• BC400R and battery shelf which facilitates additional stand-by batteries up to four (4) 12VDC/12AH max.

BC1240
• 19 gauge grey enclosure with ample knockouts for convenient access.
• Fits one (1) 12VDC/40AH battery.
Enclosure dimensions: 9.5"H x 9.5"W x 7.5"D

BC600
• 19 gauge red enclosure with ample knockouts for convenient access.
• Fits up to four (4) 12VDC/7AH batteries.
Enclosure dimensions: 18"H x 14.5"W x 4.625"D

BC600G
• Grey BC600 enclosure.

BC800
• 16 gauge grey enclosure with ample knockouts for convenient access.
• Fits up to four (4) 12VDC/12AH batteries.
Enclosure dimensions: 26"H x 19"W x 6.25"D

CAB4
• Grey enclosure.
• Fits one (1) 12VDC/12AH or one (1) 12VDC/7AH battery.
Enclosure dimensions: 5.625"H x 7"W x 4.5"D

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POWER SUPPLY/BATTERY/ACCESSORY ENCLOSURES

Outdoor Rated Enclosures

WP1
• NEMA 4/IP 65 Rated enclosure for outdoor use.
• Fits up to two (2) 12VDC/7AH batteries.
Enclosure dimensions: 14"H x 8"W x 6"D

WP2
• NEMA 4/IP 66 Rated enclosure for outdoor use.
• Fits up to two (2) 12VDC/12AH batteries.
Enclosure dimensions:
17.5"H x 12"W x 6.625"D

WP3
• NEMA 4/4X IP66-11 Rated enclosure for outdoor use.
• Fits up to two (2) 12VDC/12AH batteries.
Enclosure dimensions:
13.31"H x 11.31"W x 5.59"D

WP4
• NEMA 4/4X IP66-11 Rated enclosure
  for outdoor use.
Enclosure dimensions:
9.32"H x 7.32"W x 4.92"D

WP4

Outdoor Pole Mount Kit

PMK1
• Pole mount kit for outdoor enclosures.
• Kit includes powder coated steel mount
  brackets, stainless steel bolts, washers
  and straps. *(Refer to page 147)*

Optional Battery Brackets

BCS4G
• Grey bracket fits BC400G enclosure allows the addition of
  two (2) 12VDC/12AH batteries. For a total of up to
  four (4) 12VDC/12AH batteries.
Bracket dimensions: 3.5"H x 11.5"W x 3.75"D

BCS4R
• Red bracket fits BC400G enclosure allows the addition of
  two (2) 12VDC/12AH batteries. For a total of up to
  four (4) 12VDC/12AH batteries.
Bracket dimensions: 3.5"H x 11.5"W x 3.75"D

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BATTERIES & COMPONENT ACCESSORIES

*Rechargeable Sealed
Lead Acid*

BT124
• 12VDC/4AH.
Battery dimensions:
3.54"L x 2.76"W
x 4.02"H (4.17"TH)

BT126
• 12VDC/7AH.
Battery dimensions:
5.94"L x 2.56"W x 3.66"H (3.86"TH)

174 **BT1212**
• 12VDC/12AH.
Battery dimensions:
5.94"L x 3.86"W x 3.70"H (3.86"TH)

BT1240
• 12VDC/40AH.
Battery dimensions:
7.72"L x 6.50"W x 6.73"H (6.73"TH)

Altronix® provides a wide range of sealed lead acid batteries ranging up to 40 amp/hr capacity. Our most commonly requested models are listed above.

Lithium

LB2032
• Lithium battery for models AT4, AT4B, DPT724A, PT724A and PT2724.

*Rack Mount
Battery Enclosure*

RE2
• Fits up to four (4) 12VDC/7AH batteries.
• 2U rack mount chassis for use in standard EIA 19" rack.

RE2

(order batteries separately)

Replacement Fuses

BF3
• 3 amp blade fuse.
Package of 25.

BF5
• 5 amp blade fuse.
Package of 25.

BF10

Replacement Fuses

BF10
• 10 amp blade fuse. Package of 25.

BF15
• 15 amp blade fuse. Package of 25.

FUSE1
• 3.5 amp fuse (3AG).
Package of 100.

FUSE1

FUSE2
• 5 amp fuse (3AG).
Package of 100.

FUSE3
• 10 amp fuse (3AG). Package of 100.

FUSE4
• 1 amp fuse (3AG). Package of 100.

FUSE5
• 5 amp slow blow fuse (3AG).
Package of 100.

FUSE6
• 15 amp slow blow fuse (3AG).
Package of 100.

COMPONENT ACCESSORIES

DIN Rail Mounting Accessories

CLIP1
• Two (2) DIN Rail mounting clips.

D10
• 10" DIN Rail
(other lengths are available).
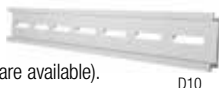
D10

DK1
• DIN Rail mount kit.
• ST3 and two (2) DIN Rail mounting clips

ST1
• Snap Track for models RB5, RB1224, RBSN, RBST and RB30.

ST2
• Snap Track for models RB7, RBOC7.

ST3
• Snap Track for models AL624, SMP3, SMP5, AL175ULB, AL176ULB, 6030, 6062 and PT724A.

Battery/Grounding Leads

BL2
• 8" pair of black and red battery leads (18 AWG).
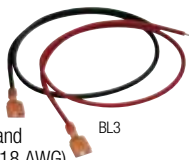
BL3
• 18" pair of black and red battery leads (18 AWG).

BL3

BL4
• 8" yellow battery series jumper (18 AWG).

GL1
• 8" green grounding lead (12 AWG).

Line Cords

LC1
• 6 ft. Two-wire line cord.

LC2
• 6 ft. Three-wire line cord.

Misc. Accessories

BNC24J
• 24" BNC jumper.

BNC24J

CAM1
• Cam lock for enclosures (excludes WP1 and WP2).

CP1
• Mounting plate. Used to mount two (2) boards (PD4, PD8 or MOM5) side by side in BC400 or BC500 enclosures.

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SPACER1
• 5/8" nylon spacers (standoffs). Package of 25.

TAPE1
• Two-side adhesive pads. Package of 25.

WPL1
• Cam lock for WP1 enclosure.

WPL2
• Cam lock for WP2 enclosure.

WPL2

Altronix

AGENCY LISTING GLOSSARY

UL Listed for U.S. installations

UL Listed for U.S. and Canadian installations

UL Canada

UL 294 UL Listed for Access Control Systems Units (Access).
UL 603 UL Listed Power Supplies for use with Burglar-Alarm Systems (Burglar).
UL 864 UL Listed Control Units for Fire Protective Signaling Systems (Fire).
UL 1012 UL Listed Specialty Power Supply.
UL 1069 UL Listed Hospital Signaling and Nurse Call Equipment (Nurse Call).
UL 1481 UL Listed Power Supplies for Fire Protective Signaling Systems (Fire).
UL 2044 UL Listed Commercial Closed-Circuit Television Equipment (CCTV/Surveillance).
UL 60950-1 UL Listed for Information Technology Equipment.
cUL Listed CSA Standard C22.2 No.1-98, Audio, Video and Similar Equipment (CCTV/Surveillance).
CSA Standard C22.2 No.205-M1983, Signal Equipment (Access).
CAN/ULC-S527-99 Control units for Fire Alarm Systems.
ULC-S318-96 Power Supplies for Burglar Alarm Systems. Also suitable for Access Control (Burglar/Access).
ULC-S319-05 Electronic Access Control Systems.

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CE European Conformity.

UL Recognized Component.

UL Recognized Component for Canada.

C-Tick Approved.

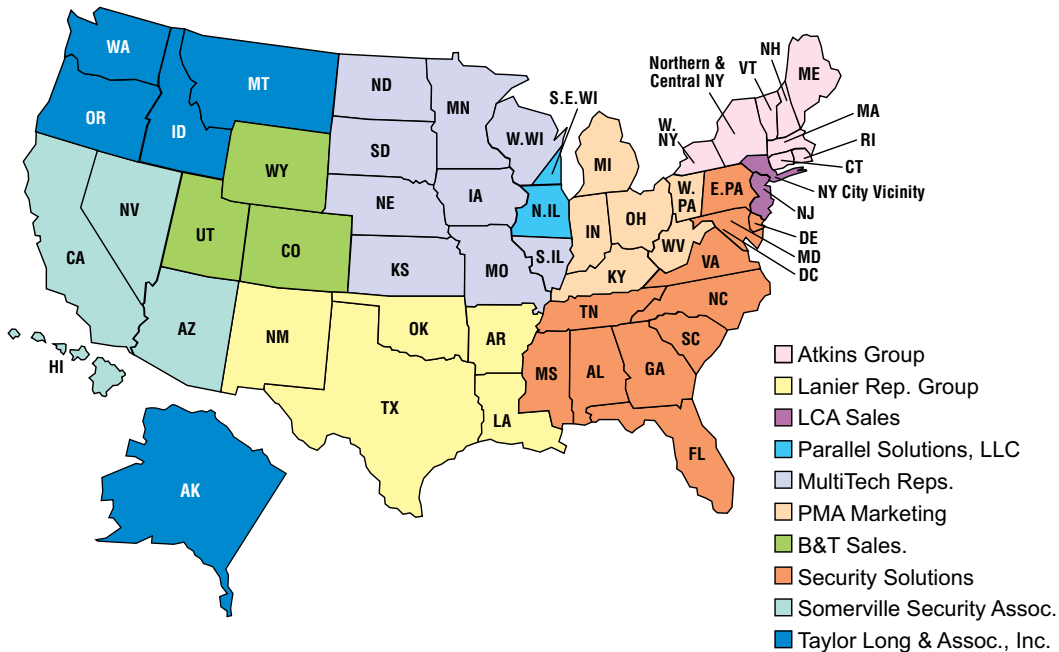CSFM - California State Fire Marshal Approved.

FM - Factory Mutual Approved.
APPROVED

Altronix

PRODUCT SHIPPING WEIGHTS *(APPROXIMATE LBS.)*

Model #	Weight	Model #	Weight	Model #	Weight
6030	1.0	AL175ULX	9.4	AL600ULX	9.7
6062	1.0	AL175ULX2	9.9	AL600ULXB	1.75
ACM4(CB)	0.35	AL176UL	6.9	AL600ULXD	13.9
ACM4E(CBE)	4.8	AL176ULB	1.25	AL602ULADA	12.3
ACM8(CB)	1.5	AL176ULX	10.75	AL624	1.0
ACM8E(CBE)	11.1	AL201UL	4.75	AL624E	5.05
AL100UL	4.65	AL300ULM	9.9	AL624-12C	4.6
AL1002ULADA	13.3	AL300ULPD4(CB)	9.75	AL624-12CX	6.3
AL1012ULACM(CB)	12.5	AL300ULPD8(CB)	9.8	AL642ULADA	18.05
AL1012ULM	12.2	AL300ULXPD16(CB)	11.6	AL802ULADA	13.3
AL1012ULX	11.7	AL300ULX	9.55	AL842ULADA	19.15
AL1012ULXPD4(CB)	12.05	AL300ULXB2	1.6	ALSD1	1.0
AL1012ULXPD8(CB)	12.1	AL300ULXD	14.1	ALSD2	1.0
AL1012ULXPD16(CB)	12.85	AL400UL	12.2	ALTV1224C	17.75
AL1012ULXB	1.6	AL400UL3	8.7	ALTV1224C4	14.5
AL1024ULACM(CB)	13.05	AL400UL3X	11.95	ALTV2416(CB)	10.85
AL1024ULM	12.7	AL400ULACM(CB)	12.0	ALTV2416350(CB)	19.15
AL1024ULX	12.35	AL400ULADA	15.9	ALTV2416600(CB)	25.1
AL1024ULXB2	2.75	AL400ULB	1.25	ALTV2416ULi(CBi)	25.9
AL1024ULXPD4(CB)	12.5	AL400ULM	10.0	ALTV2416ULX(CBX)	15.2
AL1024ULXPD8(CB)	12.65	AL400ULPD4(CB)	9.55	ALTV2416300UL(CB)	18.7
AL1024ULXPD16(CB)	13.65	AL400ULPD8(CB)	9.6	ALTV2416300ULM(CBM)	14.1
AL1042ULADA	19.15	AL400ULXPD16(CB)	12.7	ALTV2416600UL(CB)	25.6
AL125UL	5.6	AL400ULX	9.4	ALTV2432350(CB)	18.85
AL125ULB	1.25	AL400ULXB2	1.6	ALTV2432600(CB)	24.75
AL125ULE	3.8	AL600UL3	10.25	ALTV2432300UL(CB)	19.5
AL125ULP	6.8	AL600UL3X	11.1	ALTV2432600UL(CB)	25.6
AL125ULX	10.4	AL600ULACM(CB)	12.35	ALTV244(CB)	7.65
AL168300CB	18.1	AL600ULB	1.25	ALTV244175(CB)	11.3
AL168300CBM	9.2	AL600ULM	10.45	ALTV244175UL(CB)	11.8
AL168600CB	26.1	AL600ULPD4(CB)	9.9	ALTV244300(CB)	12.5
AL175UL	5.7	AL600ULPD8(CB)	10.0	ALTV244300WP(CB)	18.1
AL175ULB	1.5	AL600ULXPD16(CB)	12.9	ALTV244UL(CB)	8.0

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PRODUCT SHIPPING WEIGHTS *(APPROXIMATE LBS.)*

Model #	Weight	Model #	Weight	Model #	Weight
ALTV244ULX(CBX)	9.9	BF3	1.0	eBridge1PCRTX	2.1
ALTV244WP(CB)	13.2	BF5	1.0	eBridge1PCRX	1.1
ALTV248(CB)	8.0	BF10	1.0	eBridge1PCT	1.0
ALTV248175(CB)	9.5	BF15	1.0	eBridge1PCTX	1.1
ALTV248300(CB)	12.4	BL2	1.0	eBridge1ST	0.25
ALTV248600(CB)	24.6	BL3	1.0	eBridge1STR	0.45
ALTV248UL(CB)	8.4	BL4	1.0	eBridge200WPM(H)	3.2
ALTV248ULHi(CBHi)	18.65	BNC24J	1.0	eBridge4CR	3.9
ALTV248ULi(CBi)	12.1	BT124	2.8	eBridge4PCRX	3.9
ALTV248ULMi(CBMi)	13.05	BT126	4.65	eBridge4SK	4.7
ALTV248ULX(CBX)	10.9	BT1212	8.75	eBridge400PCRM	1.7
ALTV248175UL(CB)	13.3	BT1240	31.45	eBridge8PCRX	7.47
ALTV248300UL(CB)	12.1	CAB4	3.0	eBridge16CR	7.47
ALTV248600UL(CB)	25.25	CLIP1	1.0	eBridge8E	4.4
ALTV615DC1016(CB)	16.2	D10	1.0	eBridge800PCRM	7.8
ALTV615DC4UL	3.9	DK1	0.13	eBridge16PCRX	9.2
ALTV615DC416UL(CB)	12.25	DL1	0.15	eBridge1600PCRM	9.2
ALTV615DC44ULM(CBM)	9.05	DL3	0.15	eFlow3N	8.2
ALTV615DC48ULM(CBM)	9.15	DP4(CB)	1.3	eFlow3NB	1.15
ALTV615DC616UL(CB)	15.85	DPS1	1.3	eFlow3N4(D)	7.35
ALTV615DC8UL(CB)	12.0	DPS3	1.3	eFlow4N	8.2
AT4	7.3	DPS5	1.3	eFlow4NB	1.15
AT4B	0.5	DPT724A	1.4	eFlow4N8(D)	7.6
BC100	4.4	DTMR1	1.3	eFlow4NA8(D)	9.95
BC200	7.25	eBridge100SPR	0.5	eFlow6N	8.2
BC300(R)	6.5	eBridge100STR	0.45	eFlow6NB	1.15
BC400(R)	9.1	eBridge100ST	0.25	eFlow6N8(D)	7.55
BC400SG	11.4	eBridge1CR	1.0	eFlow6NA8(D)	9.9
BC400SR	11.4	eBridge1CRT	2.0	eFlow102N	8.2
BC600(G)	12.9	eBridge1CT	1.0	eFlow102NB	1.15
BC800	25.8	eBridge1PCR	1.1	eFlow102N8(D)	7.6
BC1240	8.25	eBridge1PCRM	1.1	eFlow102N16(D)	7.75
BCS4G	3.0	eBridge1PCRMT	2.1	eFlow102NA8(D)	9.95
BCS4R	3.0	eBridge1PCRT	2.1	eFlow104N	8.4

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PRODUCT SHIPPING WEIGHTS *(APPROXIMATE LBS.)*

Model #	Weight	Model #	Weight	Model #	Weight
eFlow104NB	1.15	HubWayAv	0.15	Maximal3R(D)	12.7
eFlow104N8(D)	7.85	HubWayAv2	0.15	Maximal3RH(D)	12.6
eFlow104N16(D)	8.0	HubWayAv2Pk	1.5	Maximal5F(D)	28.05
eFlow104NA8(D)	10.2	HubWayAvP	0.15	Maximal7F(D)	28.05
Entrada2DMK	0.8	HubWayAvPk	1.25	Maximal11F(D)	28.9
FireSwitch108	13.7	HubWayDv	0.15	Maximal33F(D)	28.8
Fuse1	0.1	HubWayDvi	0.15	Maximal55F(D)	28.9
Fuse2	0.1	HubWayDvPk	1.25	Maximal75F(D)	29.4
Fuse3	0.1	HubWayEX1	.0.3	Maximal77F(D)	29.15
Fuse4	0.1	HubWayEX16	.10.0	Maximal11FE	27.5
Fuse5	0.1	HubWayEX16S	.10.0	Maximal13FE	27.45
Fuse6	0.1	HubWayEX16SP	.23.0	Maximal33FE	27.4
GL1	0.1	HubWayEX32	.12.0	Maximal35FE	27.45
HubSat4D	8.0	HubWayEXP	.22.0	Maximal37FE	27.7
HubSat42D	8.7	HubWayH16	3.8	Maximal55FE	27.5
HubSat43D	9.2	HubWayLD16Di	22.15	Maximal75FE	28
HubSat8CD	13.7	HubWayLDH8	8.5	Maximal77FE	27.75
HubSat82D	14.9	HubWayLDH16	11.05	MOM5	1.6
HubSat83CD	14.9	LC1	1.0	MOM5C	4.8
HubWay162CD	21.15	LC2	1.0	NetWay1	1.6
HubWay162Di	21.15	LINQ2	0.7	NetWay1D	3.2
HubWay163CD	22.15	LINQ8PD(CB)	0.75	NetWay1X	0.3
HubWay163Di	22.15	LPS3	1.8	NetWay1E/EV	1.6
HubWay16CD	19.75	LPS3-AC	1.8	NetWay1P	3.45
HubWay16Di	19.75	LPS3-C12X	13.1	NetWay1512	0.6
HubWay8CD	12.3	LPS3-C24X	14.15	NetWay3012	0.7
HubWay8Di	12.3	LPS3-WP12	10.8	NetWay4EB	1.0
HubWay82CD	13.0	LPS3-WP24	10.8	NetWay4EPL	3.5
HubWay82Di	13.0	LPS5-C12X	12.4	NetWay4ES	1.75
HubWay83CD	13.5	LPS5-C24X	12.8	NetWay4ESK	5.0
HubWay83Di	13.5	Maximal1R(D)	12.7	NetWay4EWP	16.75
HubWay82CDS	12.4	Maximal1RH(D)	12.6	NetWay4EWPX	33.95
HubWay83CDS	12.9	Maximal3F(D)	28.0	NetWay4EX	11.62
HubWay8CDS	11.7	Maximal33R(D)	14.3	NetWay8	7.37

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PRODUCT SHIPPING WEIGHTS *(APPROXIMATE LBS.)*

Model #	Weight	Model #	Weight	Model #	Weight
NetWay8G	7.47	R2416ULi(CBi)	25.4	ReServ3	11.26
NetWay8M	7.47	R2416300UL(CB)	18.2	ReServ3WP	21.0
NetWay16	8.2	R2416600UL(CB)	24.0	ReServ4WP	21.0
NetWay16G	8.3	R248UL(CB)	14.2	Sav4D	4.6
NetWay16M	8.3	R248ULi(CBi)	18.2	Sav9D	4.65
NetWayXTX	0.3	R2432300UL(CB)	18.2	Sav18D	4.7
OLS120	2.0	R2432600UL(CB)	24.55	Sav182D	8.1
OLS120D2	2.1	R615DC416UL(CB)	14.75	Sav36D	8.25
OLS180	2.0	R615DC616UL(CB)	18.15	SMP10	1.5
OLS20	1.2	R615DC8UL(CB)	14.65	SMP10-C12X	9.65
OLS200	2.0	R615DC1016(CB)	18.15	SMP10-C24X	12.15
OLS250	2.0	RAC120	0.4	SMP10PM	1.5
OLS300	2.0	RAC24	0.4	SMP10PM-C12X	9.75
OLS350	3.0	RB1224	0.5	SMP10PM-C24X	12.15
OLS75	1.2	RB30	0.5	SMP16PM-C12X	10.4
Pace1PRMT	1.0	RB5	0.5	SMP3	1.0
Pace1PRD	0.42	RB5-24	0.5	SMP3E	3.8
Pace4PRM	1.7	RB610	1.2	SMP3-12C	4.75
Pace8PRM	7.8	RB7	1.0	SMP3-12CX	10.1
Pace16PRM	9.2	RBOC7	0.9	SMP3PM	1.5
PD4(CB)	1.3	RBR1224	0.5	SMP3PM-CTX	9.8
PD4UL(CB)	1.3	RBSN	0.5	SMP5	0.45
PD8(CB)	1.4	RBSN-TTL	0.5	SMP5PM	1.6
PD8UL(CB)	1.4	RBST	0.5	SMP5PM-CTX	8.8
P16W	1.6	RBTUL	0.5	SMP7	1.5
PM212	1.3	RBUL	0.5	SMP7-CTX	9.65
PM224	1.3	RDC12	0.4	SMP7PM	1.5
PMK1	4.0	RDC24	0.4	SMP7PM-CTX	9.0
PT2724	1.4	RDC48	0.4	SPACER1	1.1
PT2724E	3.8	RE2	7.5	ST1	0.1
PT724A	0.5	ReServ1	11.26	ST2	0.1
PT724E	4.7	ReServ1WP	21.0	ST3	0.1
R1224DC16CB	10.5	ReServ2	11.26	StrikeIt1	14.8
R2416UL(CB)	17.15	ReServ2WP	21.0	StrikeIt2	5.75

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PRODUCT SHIPPING WEIGHTS *(APPROXIMATE LBS.)*

Model #	Weight	Model #	Weight	Model #	Weight
T12100	3.2	Trove1V1	18.80	VR5T	0.15
T16100	3.2	Trove2	32.5	WayPoint10A	12.75
T1656	2.5	Trove2AM2	42.5	WayPoint10ADU	12.75
T24130D	3.0	Trove2CV2	42.5	WayPoint17A	15.15
T24130CP220	7.0	Trove2KA2	43.5	WayPoint17ADU	15.15
T2428175	8.05	Trove2M2	42.5	WayPoint17A4(D)U	14.22
T2428175C	9.5	Trove2SH2	42.5	WayPoint3	10.5
T2428100	8.05	Trove2V2	42.5	WayPoint30A	16.75
T2428100C	8.35	TSH2	10.0	WayPoint30ADU	16.75
T2428300	8.1	TV1	4.3	WayPoint30A4(D)U	16.75
T2428300E	14.15	TV2	10.0	WayPoint30A8(D)U	17.1
T28140D	5.4	VB1	0.15	WayPoint307A	16.75
T2856	2.1	VB1T	0.15	WayPoint5	10.5
T2856C	4.9	VertiLine16C(D)	12.15	WayPoint7/V	10.5
T2885D	3.0	VertiLine166C(D	15.4	WP1	10.0
TAM2	10.0	VertiLine16i(Di)	12.15	WP2	18.0
TAPE1	0.4	VertiLine24C(D)	17.75	WP3	8.3
Tempo2	1.25	VertiLine3D	8.0	WP4	2.6
TC1	4.3	VertiLine33D	8.15	WPTV244175UL(CB)	16.0
TCV2	10.0	VertiLine33TD	8.15	WPTV244300UL(CB)	16.4
TKA2	10.0	VertiLine563	8.3	WPTV248UL(CB)	13.4
TM1	4.3	VertiLine6D	8.0	WPTV248175UL(CB)	16.0
TM2	10.0	VertiLine63D	8.8	WPTV248300UL(CB)	16.4
TMV2	9.0	VertiLine63TD	8.8		
TP1220	1.15	VertiLine8C (D)	6.55		
TP1620	1.15	VertiLine83C(D)	9.30		
TP1640	1.55	VertiLine8i(Di)	9.30		
TP1650	1.55	VertiLine246C(D)	21.0		
TP2420	1.15	VR1	0.15		
TP2440	1.55	VR1T	0.15		
TP2450	1.55	VR2T	0.15		
Trove1	12.9	VR3T	0.15		
Trove1C1	18.80	VR4T	0.15		
Trove1M1	18.80	VR5BT	0.15		

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