Altronix®

Rev. 08312022

VR5BT

Voltage Regulator

Altronix VR5BT converts a 24VAC or 24VDC input into a regulated 12VDC output. It provides power for 12VDC CCTV cameras and accessories, fiber optic transmitters, REX PIR's, Prox Readers, etc. Quick release terminals facilitate ease of wiring. Compact design allows for integration in a wide range of camera housings.

VR5BT

Specifications

Input

Voltage	24VAC or 24VDC

Output

Voltage	12VDC
Current	3A continuous supply current
Other	Built-in overload protection Filtered and regulated

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Indicators (LED)

Input LED

Agency Listings

CE	European Conformity

Physical and Environmental

Dimensions (L x W x H)

Enclosure: 2.5" x 3.8" x 1" (64mm x 97mm x 25mm)

Shipping: 8" x 6" x 5" (203.2mm x 152.4mm x 127mm)

Weight (approx.)

Product Weight:	0.14 lb. (0.06 kg)
Shipping Weight:	0.3 lb. (0.14 kg)

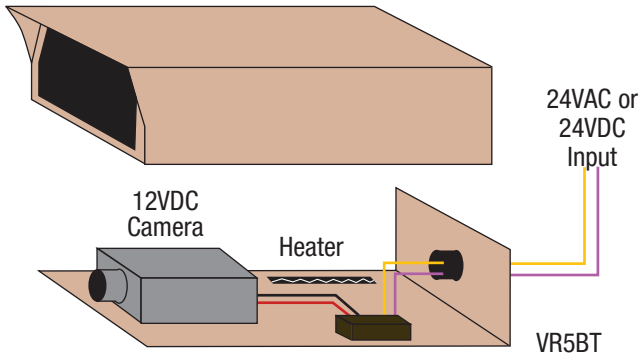
Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4º to 158ºF)
Relative Humidity	85% +/– 5%
BTU/Hr. (approx.):	18 BTU/Hr.

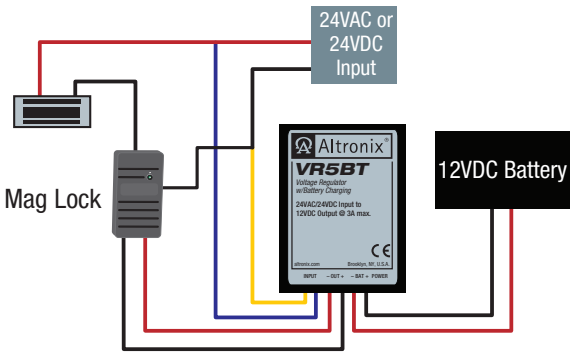
Typical Operation Diagrams

Power for 12VDC CCTV cameras and accessories, Fiber Optic Transmitters, REX PIR's, Prox Readers, etc.

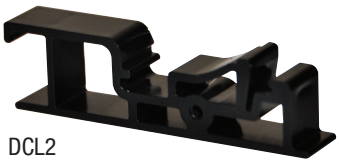
CCTV Applications:



Access Control Applications:



Accessories



DCL2

DCL2 - DIN Rail Mounting Clip

Allows for easy installation of Altronix adapters utilizing screw mouting holes to mount on a standard DIN rail (Altronix Din Rail models D10, D12, D19, or D24).