



Promoting Security Through Safety In Transportation

BTC1000 LOCK

Its More Than Just A Lock

BTC 1000 series trailer lock is a rugged electronic lock to secure trailer from unauthorized access or to control access of the trailer.

It is more than just a lock! It addresses operational issues such as different shippers accessing the trailers, rental/leasing of trailers and port operations.

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BTC1000 LOCK

The LOCK of the BTC 1000 series is made of mild steel securing the internal components from the harsh environment of the transportation industry as well as to prevent tampering. It is water and heat resistant. The ventilation holes at the side allow hot air to escape when the LOCK is in use under hot weather.

The aluminum base allows for quick and secured mounting of the LOCK to the trailer frame.

The KeyPad is securely fixed inside the prime mover and specially designed enclosure membrane prevents dirt getting into the keypad.

BTC 1000 Trailer Locking System utilizes the trailer existing airbrakes systems and combined with our innovative flow controls device to lock the trailer thus creates world's first electronic locking device for trailers. The systems work by having a control valve to control the opening and closing of the airflow of the supply line. Once the access is authenticated and verified, the Access Keypad Controller send signals to the control valve to unblock the airflows and thus the trailer can be towed. Should the access be denied (with or without access keypad controller), the valve remains close to block the airflows. The activation and deactivation signals including time and frequency can be recorded and communicated via a GPS device for further analysis.

Specifications

KEYPAD and LOCK

- Numeric keys with 12 buttons
- 2 Lines LCD Screen with back light
- 1 X RS232 serial port for configuration and external communication
- 1 X RS232 serial communication to LOCK
- LED lights and Buzzer to indicate engagement and disengagement of trailer or electronic failure
- Memory to store up to 1000 trailer IDs
- 24 Volts input/output on keypad
- Store up to 2 sets of IDs (License Plate and Unique ID)
- Store information of last 3 tows
- 4 pin trailer electric connectors
- 24 Volts input on lock



Patent Pending

Product design and colour may differ slightly from photo shown.

For more information, please contact us at:



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