

SIEMENS

Rail Automation

Aspect Display Unit (ADU)

For Positive Train Control (PTC) Applications



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This Aspect Display Unit (ADU) is the primary visual interface between the vehicle operator and the train control systems. It combines indications from separate train control systems, such as ATC and ACSES, to form an onboard operator's PTC display.

ACSES and ATC Application

The Aspect Display Unit provides an integrated solution for your onboard operator display needs:

- Provides the required combined train control indications needed for proper PTC operation on board.
- Built in Sonalerts draw your attention to changes in displayed speed information.
- Links the ATC and ACSES train control systems to form the PTC application.
- Connects serially to Siemens ATC systems or third party ATC system through a separate ATC Interface Unit (AIU).
- Multiple railroad Aspect Indications.

Benefits

Already FRA Type Approved for PTC applications on the Northeast Corridor (NEC).

- FRA PTC Type Approved
- Solid-state LED Indicators
- Auto Dimming Feature
- Serial Interfaces
- ATC and ACSES Combined Indicators
- Microprocessor Based

Features

- Solid-state LED technology offers reliable long lasting color indicators easily seen in sunlight.
- Rugged design suitable for application onboard any type of vehicle.
- Operates over a wide temperature range.
- Alphanumeric displays allow for easy to read Aspect and important message information.
- Display brightness automatically dims to handle changing light conditions.

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