



RAIL AUTOMATION

Aspect Display Unit (ADU) for Positive Train Control (PTC) Applications

Siemens Aspect Display Unit (ADU) for Positive Train Control (PTC) Applications is the primary visual interface between a vehicle operator and a train's control systems.

It combines indications from two separate train protection systems, Automatic Train Control (ATC), Advanced Civil Speed Enforcement System (ACSES), and Cab Signal System 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).



Aspect Display Unit for PTC Applications shown for reference purposes only. Actual unit selected may vary in mounting and features.

SIEMENS



Features

- FRA Type Approved for PTC Applications on the Northeast Corridor (NEC).
- Solid-state LED technology offers reliable long lasting color indicators easily seen in sunlight.
- Rugged design suitable for application on board 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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