



## RAIL AUTOMATION

# Positive Train Control (PTC)

## Small in size, big in features!

Siemens Mobility introduces its smallest PTC package to date. PTC package combines both a 9-Aspect Cab Signal (ATC) system and the Advanced Civil Speed Enforcement (ACSES) system in use all over the Northeast Corridor (NEC).

### Providing support for several new train control interfaces and functions:

- Latest Turnback Feature
- Increased Number of TSRs
- Remote Data Downloads
- Ethernet to Networks
- Ethernet PTU
- Integrated Alerter Feature

Already FRA Type Approved for PTC application on the Northeast Corridor (NEC) and in the Philadelphia region.

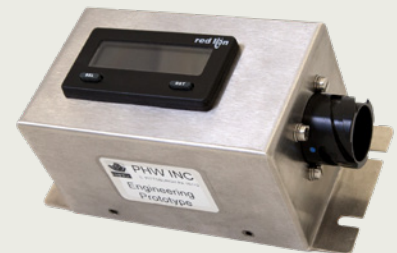
Smaller package design provides railroads with a convenient and efficient way to add PTC functionality to any of their vehicles.

## Features

- FRA PTC Type Approved
- Solid-State LED Indicators
- Auto Dimming Feature
- Microprocessor Based
- Vital Design
- Dual Cab Operation
- Integrated ATC and ACSES



*Integrated Aspect Display Unit (ADU)  
(Assembly No. NKY:D5664H09-A01)*



*Optional Digital Odometer  
(Assembly No. NKY:D5664H09-A01)*

# SIEMENS

## Physical Data

Specification	Parameters
Size	PTC Unit, 23" H x 23" W x 12" D
Type 1 Battery	37.5 VDC (Nominal) Range 26 V to 46 VDC (Current: 14 A @ 38 VDC)
Type 2 Battery	74.0 VDC (Nominal) Range 52 V to 92 VDC (Current: 7 A @ 74 VDC)
Output Signal	32.0 VDC (Nominal) 36.0 VDC (Maximum)

## Environmental Data

Specification	Parameters
Operating Temperature	PTC Unit: -40 °F to +158 °F (-40 °C to +70 °C) Odometer: -31 °F to +158 °F (-35 °C to +70 °C)
Humidity (Maximum)	20% to 80% non-condensing
Storage Temperature	PTC Unit: -67 °F to +203 °F (-55 °C to +95 °C) Odometer: -31 °F to +185 °F (-35 °C to +85 °C)
Humidity (Maximum)	20% to 80% non-condensing
Shock & Vibration	Class B (ENG 1373) (Body Mounted)

## Ordering

To Order Call	Specify
1 (800) 793-7233	Assembly Number



**Track Receiver (Rel)**  
(Assembly No. NYK:D066E114-A01,  
NYK:D066E114-A02)



**PTC Unit**  
(Assembly No. NYK:f56641101-A61)

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