

Siemens Modular Signalling With Westrace Mk2 I L Yola

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Siemens Modular Signalling With Westrace

Trackguard Westrace Urban for mass transit railways is the optimum platform for route protection in light railway projects. It has been developed for signaling areas with up to 100 controlled elements. Trackguard Westrace Urban is based on fail-safe Simatic software and hardware modules.

Electronic interlocking | Rail automation | Global

Trackguard WTS (Westrace Trackside System) is Siemens Mobility's high performance, high availability trackside signalling system for main line railways. WTS is hosted on the proven, flexible and highly reliable Trackguard Westrace MKII platform, which has been successfully deployed by Siemens Mobility on metro and main line rail infrastructure projects around the world since its introduction in 2010.

Rail Automation - Siemens Mobility | Global | Global

Trackguard Westrace MK II's vital proces-sors are built up from a range of com-patible modules which communicate together over a fast serial bus. Using Siemens' computer-based data and configuration management systems, the system can be quickly programmed for its specific application. The range of modules available and the flexibility

siemens.com/mobility Trackguard Westrace Mk II

Siemens Rail Automation is signalling the Latrobe and Bendigo corridors of Victoria's Regional Fast Rail links to make satell ite cities more accessible to Melbourne. We used 20 WESTRACE WNC interlockings with 50 WESTRACE object controllers all interconnected on a multiply-redundant optical fibre, microwave and leased bearer Ethernet network.

Trackguard WESTRACE (VLM6) - Siemens

Signaling system Westrace Mk II, by Siemens In this project Prover Technology worked with Siemens UK (formerly Invensys Rail) on generation and checking of Westrace Mk II interlocking software for Network Rail's Modular Signaling, whose purpose was to reduce the cost per Signaling Equivalent Unit (SEU), and to harmonize interlocking system principles across installations.

Modular Signalling, UK - Prover

Trackguard WTS (Westrace Trackside System) is Siemens' high performance, high availability trackside signalling system for main line railways. WTS is hosted on the proven, flexible and highly reliable Trackguard Westrace MkII platform, which has been successfully deployed by Siemens on metro and main line rail infrastructure projects around the world since its introduction in 2010.

Trackguard WTS brochure - SlideShare

A modular concept for various customer applications Signals play an important role in the safe and efficient running of railway operations. Depending on the customers' requirements: demands for optical, electrical and design, environmental and operational aspects as well as an increasing number of diagnostic features vary significantly ...

Signaling, On-board and Crossing Products - Siemens Mobility

Use existing WESTRACE trackside infrastructure—directly communicate with existing WESTRACE and new WESTRACE object controllers. • Interface to systems such as WESTLOCK or ERTMS LEUs and RBCs. WESTRACE is equally su ited to distributed and centralised interlocking logic or any combination in between. Mix local WESTRACE modules, WESTRACE object

Trackguard Interlocking Systems - Siemens

With Silux2, Siemens has introduced a completely new generation of signal heads that score with exceptional brilliance, energy efficiency and safety. Crossings overview Safe, reliable and cost-effective intelligent infrastructure solutions for crossings protection.

Rail signals - Siemens Mobility | Global | Global

The modular Clearguard TCM 100 is based on Trackguard Simis FM technology, a reliable and proven platform running all Sinet-xCMs product applications (e.g. ACM 200, ACM 250, TCM 100). The module has been developed according to the CENELEC EN 50126, EN 50128 and EN 50129 standards and conforms to the highest safety integrity level, SIL 4.

Track circuits - Siemens Mobility | Global | Global

The document below is just a basic appreciation of the Siemens type Modular Signalling and Westrace MKII interlocking that you may find useful if you wanted an insight to it or as pre-course reading. Click button below to download. Enter password: ms6963. Modular Signalling

Modular Signalling Basic Appreciation

Examples of Siemens Product-Based Courses: • WESTRACE MKII • WESTECT ATP • TPWS • WESTLOCK • S2 Telemetry • Control Systems • Point Machines and Trackside Equipment • Level Crossings • Train Detection Examples of Generic Railway Technology Courses: • Basic Signalling • Intermediate Signalling Design • Signalling ...

Railway Signalling Training - Siemens Australia

Siemens has come up with a safe, innovative and customer-oriented solution for these requirements: the design of compact electronic interlockings with standard industrial automation components from the Simatic family. The Trackguard Westrace Urban interlocking offers a wide range of applications wherever economic operating concepts are required.

siemens.com/mobility Trackguard Westrace Urban electronic ...

At the heart of its modular signalling solution is Siemens' Trackguard WESTRACE computer-based interlocking, enabling signalling schemes to be delivered from just a small range of core components.

Modular signalling solution | Rail Engineer

As agreed, Siemens will leverage its Trainguard Sirius solution and the modern Westrace interlocking product to implement a computer-based train control (CBTC) signalling system across the entire JRL track. Trainguard Sirius is a radio-based technology that enables the operator to optimise network capacity and throughput.

Siemens to deliver railway signalling system for Singapore ...

©2020, Siemens Mobility Pty Ltd Datasheet 11D-1 issue 5.0 Application Fully compatible with WESTRACE 50 Vdc inputs and outputs and 110 Vac signal outputs. Provides protection compatible with the WESTRACE module's third line protection. Siemens recommend that all inputs and outputs extending outside the location case or signal equipment

www.siemens.com.au/rail-components Surge Arresters

Siemens Mobility will utilize its Trainguard Sirius solution and modern interlocking product Westrace to implement a Communication Based Train Control (CBTC) signaling system across the entire 24 kilometers of track.

Siemens Mobility to install CBTC on Jurong Region Line in ...

At the heart of the low-cost signalling solution is Siemens' Trackguard Westrace Mk2 computer-based interlocking, enabling signalling schemes to be delivered from just a small range of core products. These include object controllers, plug coupled cables, axle counters and lightweight signals.

Ushering in a new era: North Wales Railway Upgrade Project ...

Mix local WESTRACE modules, WESTRACE object controllers, existing WESTRACE (VLM6) and ERTMS trackside interfaces. WESTRACE Components • Processor Module —Every WESTRACE has one PM with the option of a second for hot-standby. Each PM can talk to 126 other PMs, existing WESTRACE (VLM6), new WESTRACE, new WESTRACE object controllers, and ERTMS

High Availability Fully Supported Trackguard WESTRACE MkII ...

RailStaff Newspaper February 2015. Issuu company logo ...