



Daxten offers Track Busbar Power Distribution for data centres

Track Busbar Power Supply for mission-critical data centres

London, 24th March 2009 – DAXTEN, a leading supplier of cooling optimisation and power infrastructure solutions, now offers Starline a track-based Busbar Power Distribution System specifically designed for data centers and demo labs, where a reliable power infrastructure and quick hardware reconfigurations are essential. Unlike common cable whips, additional connections or reconfigurations can be done in minutes by adding or removing power plug-ins along the busbar - tool free and without the need for an electrician. There is no need to interrupt power as the power plug-ins can be added or removed in a live environment via a simple push and 90 degree rotation at any point along the busbar. There are no fixed plug-in points or limitations on the number of plug-ins added to a run. Through Starline's patent protected "spring pressure" channel busbar secure and solid connections are guaranteed. The design is bolt free meaning no system maintenance. Starline track busbar is fire-rated according to UL94-V0, compliant to EN 60439-1 (-2) and IEC 60439-1 (-2) 2000, which guarantees a high security standard.

Currently in mission critical, R & D and testing environments any short interruption or malfunction of the power supply can have tremendous effects on the IT operations and the safety of company data and critical transactions. It is therefore necessary to focus on the security and flexibility of a busbar system during the planning of all power distribution. Additionally space restrictions and rack density are becoming more and more important when planning for the future. R&D and testing environments as well as live Datacentres often need to be reconfigured to simulate real world scenarios or update hardware. Starline track busbar allows for quick changing of plug-ins in a live environment. Power plug-ins are configured to customer requirements with 16A, 32A or 63A single and/or three phase connectors. Traditional cable whips and cable panels require costly and time consuming pulling of cables, connection and often downtime which must all be planned weeks if not months in advance.

Track Busbar – advantages of a busbar with none of the disadvantages!

Starline Track Busbar is different than other busbar systems. Continuous access busbar allows for power plug-ins to be placed where they are required, not at predefined locations. Available in 100, 225 or 400 Amps and up to 415 volts, Starline can support any size Datacentre. The flexible design allows for installation overhead or under the raised floor. The connections between the track elements consist of a patent protected spring pressure connection which is bolt free eliminating potential loose connections. The same spring pressure connections are used to connect the power plug-ins to the busway ensuring a secure and solid connection at all times. The entire busbar system is easy to assemble and dismantle meaning that tracks can be inexpensively installed, moved, reused and recycled.

The plug-ins are designed to allow for individual requirements. Current monitoring which can be accessed via RS232, IP and Modbus, can be included per rack or per busbar run. The number of and type of connectors is determined by your own requirements. For example, a 16A single phase connector can be next to a 32A three phase connector in the same plug-in. Even drop cords and hard wire options are available. Regardless of the type of connection, breaker or current monitoring, Starline has a power plug-in for your needs.

Sustainability and cost-effectiveness

The flexible bus design, redundancy and modular expandability are some of the main reasons, why mission critical datacentres rely on Starline. Naturally also economical aspects play a big role, why companies are choosing a Starline solution:

Because of the high durability and the versatile reutilization of the power distribution system the TCO is much lower compared with cable-based solutions. With a TCO savings from 20 to 40 percent and between 30 and 50 percent less costs for installation and maintenance Starline is one of the most cost-effective power solutions in the market.

The Starline track busbar solutions are available from Daxten with immediate effect. For further information please contact Daxten on +44 (0)20 8991 6200, info.uk@daxten.com or www.daxten.co.uk. We will offer special project conditions for system integrators with experience power planning in datacentres.

Starline Demo Videos:

Watch the demo video about the enhanced power distribution solution
(<http://www.daxten.co.uk/starline-track-busbar.html>).

Watch and hear from Dean Nelson, Senior Director of Global Design Services at SUN, about his experience with Starline in the SUN datacenters
(<http://www.daxten.co.uk/busbar-power-distribution.html>).

About Daxten

Daxten was founded in 1994 as Dakota Computer Solutions. Today Daxten is a Value Add Distributor for IT management and data centre facilities solutions from Austin Hughes, Avocent, Dataprobe, Digi, International Power Switch, Minicom, Plenafill, Raritan (Peppercon), Rose, Starline, Upsite Technologies (KoldLok), Uptime Devices. In addition Daxten is a leading manufacturer of its own connectivity product lines. The company has facilities and subsidiaries across Europe and the USA. As a provider of high-end KVM, connectivity and infrastructure management solutions it is our mission to support IT managers worldwide, to ease their working life and to protect their companies against critical downtime. Daxten is also a provider of cutting-edge cooling optimisation and power distribution solutions which improve the energy efficiency and reliability of the data centre. In Europe Daxten is headquartered in London and Berlin. For further information please visit www.daxten.co.uk or www.daxten.com.

Contact for the press

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