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New signals optimised for pedestrian control

A new family of ST750P high-performance pedestrian controllers is now available from Siemens incorporating the very latest LED technology and low power consumption complete with an attractive range of new pedestrian signals. Featuring robust aluminium die-cast enclosures with poly-carbonate screens, the new modern and vandal resistant pedestrian signals are fully compatible with the entire range of ST750P controllers available from Siemens.

According to Keith Manston, Siemens' Head of Product Management, the wide choice of signalling options are stylish and well-designed for modern day use by pedestrians and also offer both LV and ELV solutions. 'Combining good looks with exceptional performance, the nearside units feature a new all-metal touch-activated button and clear pedestrian signalisation. Improved longevity also means fewer maintenance visits have to be carried out, which in turn helps reduce carbon emissions', he said.

Enabling the implementation of a total ELV solution for all new sites, the new pedestrian controller family is certified to TR2500 and provides Pelican, Puffin and Toucan control strategies at both low voltage (230V) and extra-low voltage (48V) drive levels, all offering significant power cost savings over conventional solutions.

'Significantly, the use of ELV provides reduced power and cabling costs as well as improved lamp monitoring of very low power LED traffic and pedestrian signals. The lamp monitoring functionality ensures that failures of cabling or pole top connections can be detected automatically, allowing the installation to be fully returned to full operation with the minimum of delay. ELV also provides increased electrical safety for both members of the public in the event of any damage to the installation and personnel working on or around the intersection.' he added.

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Traffic Solutions, Siemens Mobility

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The first ST750P ELV has been trialed in Poole, Dorset, a key dual-crossing totally refurbished in the town centre. The site has already recorded a reduction in energy usage and has been judged a resounding success. As a result, ELV pedestrian controllers are set to become standard for all installations in Poole according to Brian Daveney, Traffic Signal Engineer for Borough of Poole. 'We're extremely impressed with the ELV solution and especially the energy and cost savings it has given us. The ELV initiative forms the basis of the Council's carbon reduction footprint plan which will enable us to be at the forefront of sustainable technology.' he said.

Full production is already well underway at Siemens' manufacturing facility in Poole. Recognising the need for installation flexibility, the ST750P family of LV and ELV controllers also offers a variety of construction options including TR2500-approved small and large cabinets, and rack module housing solutions.

About Siemens

Siemens design, manufacture, install and maintain a wide range of traffic engineering products and systems to enhance road safety and improve traffic flow in congested urban and inter-urban areas. In the United Kingdom, The Traffic Solutions business has around 800 employees including approximately 350 skilled service engineers dedicated every day of the year to maintaining over half of all traffic control equipment installed on the UK road network.

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