



VEHICLE SURGE PROTECTOR UNIT

SECURITEX VEHICLE SURGE PROTECTOR (SMISP-1 VR.2)

Securitex SMISP-1-VR2 24VDC surge protector for buses, trucks, containers, excavator, boats and vessel etc is the improved version from the SMISP-1-VR1. The overall function is the same but the installation is more easier as the cover need not be open. Furthermore operation indicator is easily accessible.

Securitex Mobile Intelligent Surge Protector (Model:SMISP-1 VR.2)

The Securitex Mobile Intelligent Surge Protector was designed and manufactured by Securitex Electronic Systems Engineering (Auto-Security-Surge-Technology department) for the vehicle industry. This surge protector is use in buses, trains, crane. excavators, cars and even generator where there is 3rd party equipment needs to be interface to the vehicles etc. What is SMISP-1 some may ask and what situation will this device needed and finally how to install them etc.

We understand that when installing electronic systems in vehicle like Automobile entertainment system, Global Positioning System (GPRS), CCTV with Digital Video Recorder System in buses and trucks. CCTV system on containerized trucks, mobile cranes and communication devices etc. This sensitive equipment will be subjected to massive surges during the vehicle start and stop. These extremely high surges we "call spike" can overtime damage the sensitive electronic component and cause premature malfunction. In more severe cases the damage of these equipment is almost instantaneous.

Securitex Mobile Intelligent Surge Protector can prevent these surges to even reach the equipment. Most system that is design to be install in vehicle usually c/w its built-in surge protect. The system come with built-in Primary protection circuit using relay that is control by preprogrammed timer and Secondary protection circuit if the primary protection fails using Transient Voltage Suppression technologies. (TVS) Devices are designed specifically for the protection of electronic systems from the destructive effects of Lightning, Electrostatic Discharge (ESD), Nuclear Electromagnetic Pulse (NEMP) and Inductive Switching. These TVS devices are constructed from low leakage components and high-energy absorption capability from 300 watts up to 648,000 watts. The system will cramp the voltages at up to 30VDC. Securitex **SMISP-1 VR.2** have built-in programmable timer relay to turn on and off equipment before or after starting of the vehicle. This logic is fully programmable as we use built-in Microchip.

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