

# Tension without tension

## **VRS Railway Industry 3 kV power supplies**

*VRS Railway Industry supplies all the components for your 3 kV power supply system; 3kV-switches, and power supply cabinets for transforming the voltage up to 3kV or down to 110Vac, 230Vac or 136Vdc. We also supply all accessories such as cables and cable sleeves. VRS Railway Industry ensures top quality 3 kV power supplies!*

### **3kV-switches, power supply cabinets or supply points**

The 50 Hz power supply cabinet secures and switches the power transformer that transforms 230 V ac into 3 kV ac. The cabinet also ensures that the supply circuit is switched off in the event of a short circuit. The 50 Hz switch box can switch on the power transformer using either local or remote operation. The cabinets are available for single and twin cable systems. PS: twin cable is used as a redundant system, for instance on rail yards.

The voltage supply point transforms 3 kV AC into 110 V ac, 230 V ac and/or 136 V ac in order to supply power to safety and control devices and point machines. The voltage supply points consist of 3 kV switches, transformers and optionally a switching and a grounding device. VRS Railway Industry supplies voltage supply points for single and twin cable systems.

The VRS Railway Industry 3 kV switches enable you to switch and isolate between the 3kV-circuits. The design of the 3 kV switch is determined by the number of switching functions. VRS Railway Industry supplies one-way and three-way switches.

All products are manufactured in compliance with the ProRail (Dutch infrastructure owner) requirements



programme. However, VRS Railway Industry can also meet your requirements; custom-made products do not pose any problems. Your contact person will be pleased to inform you further.

### **VRS Railway Industry has thought of everything**

It is our standard that all components are manufactured with high-quality materials. This guarantees a long lifetime, maximum reliability and minimum maintenance of our products. The VRS Railway Industry 3 kV system therefore easily meets the RAMS requirements. The systems are delivered in various types of waterproof cabinets. These are available in stainless steel AISI316, zinc-coated steel or lacquered steel in accordance with the indoors or outdoors application and installation. This way, the systems can function flawlessly in virtually any climate. Of course, the systems meet EMC requirements, thus preventing interference with other devices.



In addition to custom-built cabinets, VRS Railway Industry also supplies accessories, including cables, cable sleeves and sealing materials.

Available in any required configuration:

- Meets all RAMS requirements;
- Durable and reliable;
- Resists any climate;
- EMC proof;
- Waterproof casing available in stainless steel, zinc-coated steel and lacquered steel.

### ***Maintenance and service***

Apart from the supply of power systems, VRS Railway Industry also takes care of the maintenance and the service of the systems. Our service facility works on a national level and can be reached, if desired, 24 hours a day.



### ***More information? Our Sales department is ready to serve you!***

For information about the products and services of VRS Railway Industry, please contact our Sales department. Our staff will gladly help you! You can reach the Sales department every working day between 08.00 and 17.30 on:  
+31 (0) 30 694 3954 or by e-mail to [info@vrsrail.nl](mailto:info@vrsrail.nl)

