



GVS-W Switch Sectionalisher

For Pole Mounting and Substation Applications

The GVS-W is part of the award winning GVR family and combines the high reliability of vacuum interruption with the controlled environment and high dielectric strength of SF₆, in a compact, maintenance-free unit. Since SF₆ is only used as insulation, there is no health hazard from toxic by-products of arcing.

The patented, single coil magnetic actuator provides consistent performance and a dramatic reduction in moving parts. Materials and finishes have been carefully chosen for reliability – from EPDM bushings, tested for tracking and erosion to IEC 61109, in salt, fog and other environments, to the neodymium iron boron permanent magnets used in the mechanism.



Key Features

- » Superior, proven Fit & Forget technology with minimal maintenance
- » Environmentally friendly vacuum interruption produces no by-products
- » The lightweight corrosion resistant aluminium tank makes the GVS-W easier to transport and install.
- » The EPDM or silicone bushings are tested for tracking and erosion to IEC 61109 and are resistant to damage from vandalism or mishandling
- » Endurance tested to 10,000 operations
- » Can be upgraded to full auto-reclosing circuit breaker*
- » The unit can be supplied complete with an RTU to allow the switch to be remotely controlled or with the facility to allow the customer to install their own purpose built RTU

* **Note:** Please specify when ordering to ensure the unit has the relevant facilities installed prior to despatch to allow upgrade to a full auto-recloser.

Application

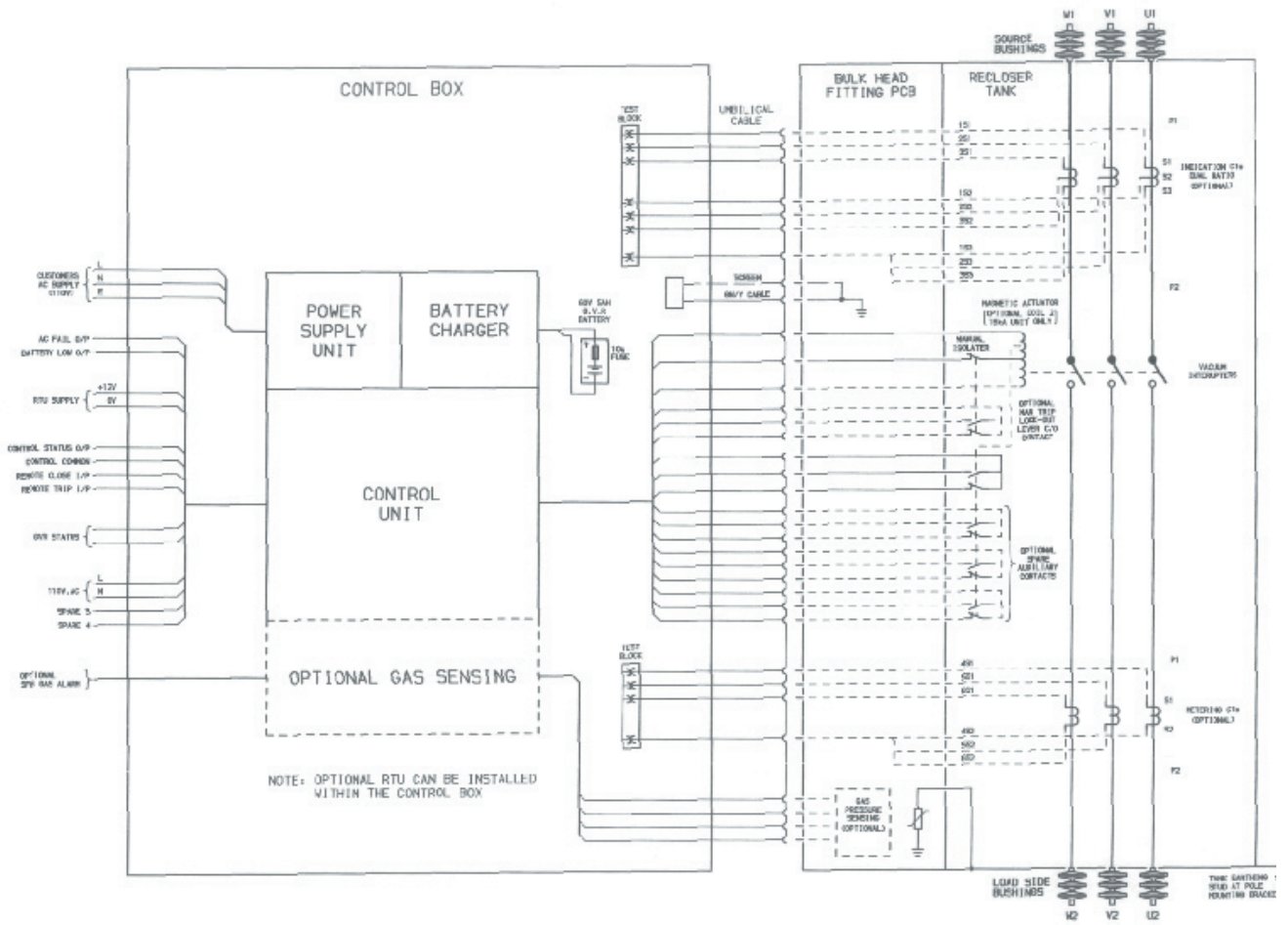
The GVS-W can be pole or substation mounted and can be used as a general-purpose sectionalising switch or it can be integrated into the most advanced distribution automation schemes. In addition, the 38kV GVS-W has been tested at for single capacitor bank switching at 400A (22.86MVA at 33kV) to IEC 60056.



HAWKER SIDDELEY SWITCHGEAR

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TYPICAL DRAWING



Hawker Siddeley Switchgear Ltd Tel: +44 (0)1495 223001 Email: sales@hss-ltd.com
Hawker Siddeley Switchgear Pty Australia Tel: +61 (0) 7 3888 2333 Email: hssaus@hss-ltd.com
Hawker Sideley Switchgear South America Tel: +57 (0)1 256 4617 Email: sales@hss-ltd.com
Hawker Siddeley Switchgear Ltd Technology Centre Tel: +44 (0)1706 674000 Email: sales@hss-ltd.com
Whipp & Bourne Inc. Tel: +1 (0) 757 858 8972 Email: whippinc@hssl-usa.com

www.hss-ltd.com