

# THE ACRASTYLE DIFFERENCE...

- ▶ Lowest cost of ownership
- ▶ First class solutions
- ▶ Standards assured



## RD145 –G 145 KV ROTATING DOUBLE BREAK DISCONNECTOR

- ▶ [www.acrastyle.co.uk](http://www.acrastyle.co.uk)
- ▶ [www.sspower.com](http://www.sspower.com)

▶ Excellence in Switching & Protection Engineering

**Acrastyle Limited**, United Kingdom would like to announce the recent **ENA approval** of their latest Disconnecter, type RD145 - G. This Disconnecter has been **specifically designed** for use in the **United Kingdom** and **Ireland**.

They are manufactured by our sister company, **S&S Power** Switchgear Equipment Limited, based in India, which also supplies its disconnectors in configurations **up to 550kV** to the rest of the world.



The 145kV device includes a number of enhancements captured following the installation of hundreds of devices delivered throughout the world, including the UK and Ireland:

- ▶ 'Double break, centre rotate' design disconnectors
- ▶ Manual and Motor operated disconnectors
- ▶ Mechanical, electrical and 'Fortress' interlocks provided
- ▶ Supporting structure can additionally be supplied with the Disconnector
- ▶ Modular design to increase efficiency and reduce cost
- ▶ Designed with a unique 'turn and twist' movement to provide strong contact pressure, fault withstand and a self-cleaning action
- ▶ Sophisticated design to deliver a low operating torque movement
- ▶ Strong and positive contact closure and release
- ▶ Three phases mechanically coupled to ensure that they open and close together
- ▶ Provision for earth switches on one, both or neither side, with manual or motor driven operation
- ▶ Line discharging and bus transfer contacts can be provided
- ▶ Provision of ice shields to prevent ice formation
- ▶ Operates at ambient temperatures from -50 to +55°C
- ▶ Completed Type Test Reports from CERDA, CPRI and other reputable Laboratories
- ▶ Better performance and smooth operation

Our  
Commitment



- ▶ All disconnectors are supplied with each single phase fully-assembled, factory-set and checked.  
  
The disconnector is also set up in the UK factory as a 3-phase assembly, to ensure that all the alignments, torques and contact pressures, phase interconnections and interlocks are correctly set.
- ▶ Acrastyle Ltd then dismantle it back to the single-phase assembly stage and carefully pack ready for shipping to site. This ensures that the customer will spend the minimum of time & money on site installing the device.
- ▶ Acrastyle Ltd will witness the correct installation of disconnectors, to ensure that the customer enjoys both trouble-free operation and also for validation of the warranty.
- ▶ Acrastyle Ltd can fully erect, install and commission the structure and disconnector to provide a seamless one-stop shop for this type of product.



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