

## RD145 -G 145 KV ROTATING DOUBLE BREAK DISCONNECTOR

▶ Excellence in Switching & Protection Engineering

- www.acrastyle.co.uk
- www.sspower.com

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

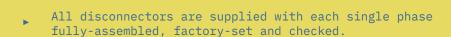
They are manufactured by our sister company, **S&S Power** Switchgear Equipment Limited, based in India, which also supplies its disconnectors in configurations **up to 550kV** to the rest of the world.



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 disconnector
- 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

- 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



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.

## ACRASTYLE LIMITED

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