



## RD145 –G 145 KV ROTATING DOUBLE BREAK DISCONNECTOR

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

▶ Excellence in Switching & Protection Engineering

AcraStyle Limited, United Kingdom, supplies complete **ENA-approved 145kV-G**, a global range of disconnectors specially designed for use in the United Kingdom and Ireland. **Highly reliable** and **energy efficient** disconnectors to meet the requirements of different sites and network conditions.

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 has hundreds of installations throughout the world, including the UK and Ireland which:

- ▶ '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 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 reputed 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 factory as a 3-phase assembly, to ensure that all the alignments, torques and contact pressures, phase interconnections and interlocks are correctly set.
- ▶ Acrastyle dismantles it back to the single-phase assembly stage and carefully packs it for shipping to site. This ensures that the customer will spend the minimum of time and money on site installing the device.
- ▶ Acrastyle will witness the correct installation of disconnectors, both to ensure that the customer enjoys trouble-free operation and that the warranty is valid.
- ▶ Acrastyle 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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