



MindCore
Technologies

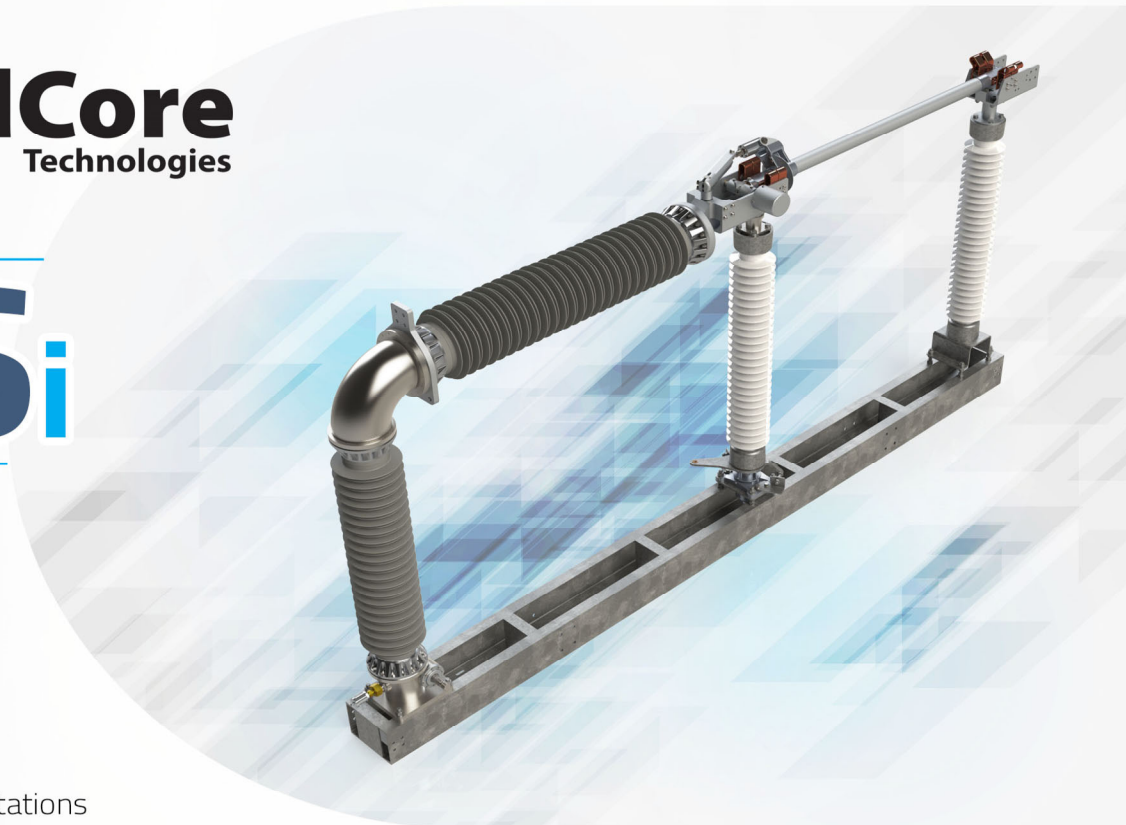
MCSⁱ

intelligent
circuit switcher

PRODUCT FEATURES

- Light weight construction
- Design for mobiles and substations
- Using Silicone Hollow insulator for greater safety
- Rotating linkages, so no on-site adjustment required
- One robust operating mechanism for gang operation
- Sensors for real time monitoring of Gas density and pressure, contacts displacement, speed of operation, synchronicity of the three phases
- DNP 3.0 and/or IEC61850 communication capabilities
- Using AVX proven design for disconnect switch portion
- Automatic interlock between Interrupter and disconnect
- EHTi operator used for disconnect operation

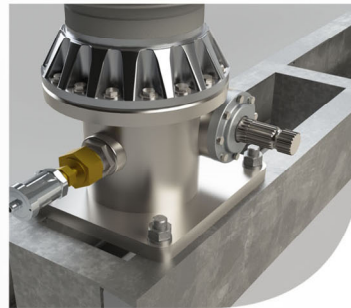
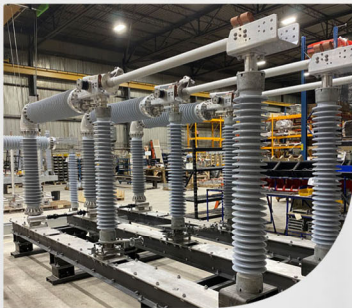
*patent pending



MINDCORE TECHNOLOGIES

TCO

UNRIVALED TOTAL COST OF OWNERSHIP



| Rated Maximum Voltage | Rated Lightning Impulse Withstand Voltage | | Continuous Current | Temperature Range | Transformer Limited Fault (TLF) | Primary Bus Fault Interrupting (T100) | Short Time Withstand | Peak Withstand |
|-----------------------|---|-------------|--------------------|-------------------|---------------------------------|---------------------------------------|----------------------|----------------|
| | Disconnect Switch | Interrupter | | | | | | |
| 48.3kV | 250kV BIL | 650kV BIL | 2000A | -35°C to +40°C | 4kA | 25kA | 40kA | 108kA |
| 72.5kV | 350kV BIL | | | | | | | |
| 123kV | 550kV BIL | | | | | | | |
| 145kV | 650kV BIL | | | | 2kA | | | |