

oil-free Dry-Type DC Capacitors

Versatile load break switch for outdoor pole-mounted applications



High reliability with gradual capacity degradation under faults

Maintenance-free oil-free design, zero leakage risk

Compliant with IEC international power electronics standards

Long service life, suitable for high-capacity & harsh-condition scenarios

High reliability with gradual capacity degradation under faults



Provided customized manufacture

Whole solutions for design, assembly, test...

Accountable solution for safety and reliability

Wide range offering, easy business and convenient installation

ROCKWILL[®]

Powered by [IEE Business](#)



Technical Parameters

| Category | Parameter | Value |
|-----------------------------------------|--------------------------------------|------------------------------------------------|
| Electrical Ratings | DC Rated Voltage | Up to 3400 V |
| | Rated RMS Current | Up to 800 A |
| | Capacitance Range | Up to 7.4 mF |
| Electrical Characteristics | Dissipation Factor | 0.0002 |
| | Self-Inductance | Less than 75 nH @ 1 MHz |
| Insulation Performance | Terminal-to-Casing Withstand Voltage | 5200 V AC, 10 seconds |
| Temperature Range | Operating Temperature | +5 °C ~ +60 °C |
| | Storage Temperature | -40 °C ~ +70 °C |
| Core Technology | Dielectric Material | Self-healing metallized polypropylene film |
| | Filling Material | Polyurethane, Resin, Oil-free design |
| | Safety Protection | Self-healing technology + Fuse segmentation |
| | Grading Resistors | Not required |
| | Service Life | More than 345,000 hours (40-year service life) |
| | Failure Rate | Less than 50 FIT |
| | Compliance Standard | IEC 61071 (2017) |
| Mechanical Parameters | Enclosure Material | High-strength aluminum alloy |
| | Mounting Method | Horizontal / Vertical |
| | Creepage Distance | 52 mm |
| Flashover Distance (Terminal-to-Casing) | In-line Terminal Connection | 59 mm |
| | Perpendicular Terminal Connection | 40 mm |
| Bushing Insulation | Air Clearance | 38 mm |
| | Creepage Distance | 52 mm |

ROCKWILL®

Powered by [IEE Business](#)

