TransNet
Your Partners in Power

100% NEW ZEALAND OWNED

CURRENT LIMITING DDO FUSES

– 11 & 22KV, 25KA, FOR MV NETWORKS

Fire Mitigation Solution

No Sparks or Molten Fragments emitted from the unit



KEY POINTS

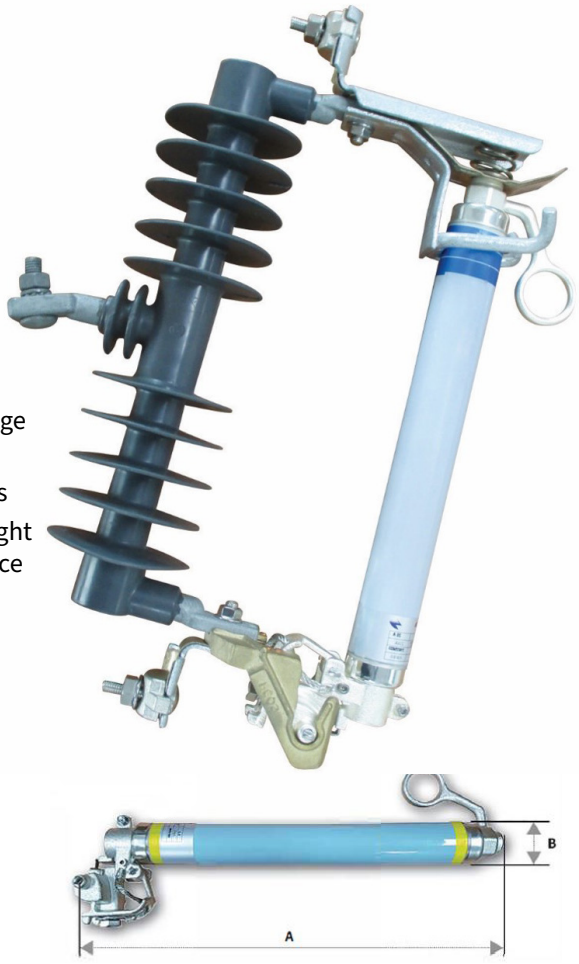
- ✓ Reliable circuit disconnection and dropout operation at both:
  - The high fault currents on the OH lines, and
  - **Low overload currents for transformers**
- ✓ Ceramic body with superb thermal properties, including **fire resistance**
- ✓ **No arcing or explosion** during the operation – fire risk mitigation and elimination
- ✓ Fully reusable end cups
- ✓ Unique design and concept that complies with IEC 60282-1(2009)
- ✓ Approved and used by KEPCO

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ISO 14001 CERTIFIED
CARBON CONSCIOUS COMPANY

SAFETY BENEFITS

- Silent interruption - no gas, sparks, or debris emitted
- Significant fire risk reduction - perfect for preventing wildfires in dry or drought-stricken areas
- Significant vegetation maintenance reduction - eliminates the need to maintain mowed grass radius beneath poles
- Increased safety to line personnel during circuit re-energizing operation Simplified fault location with Drop-open design



FEATURES

- Universal fit design makes for an easy retrofit into industry standard 125kV BIL and 150kV BIL interchangeable cutouts
- No special tools required - Easy hotstick installation from the ground
- No arc and no explosion noise
- High breaking reliability & highspeed breaking possible (within 0.5 cycles)
- Can also operate with short circuit currents & overload currents (more than 3 times the rated current)
- Sealed structure, resistant against moisture absorption & salt damage
- Improved heat/humidity/flame resistance by using ceramic tubes
- Reusable end fittings reduce weight carried in fault vehicles and reduce landfill waste
- Available as:
  – Complete fuse assemblies (including metal end fittings)
  – Replacement fuse tubes
  – Replacement end fittings
- Custom size fuses available (conditions apply)

APPLICATION LOCATIONS

- Feeder circuits
- Metal-enclosed switchgear
- Pad-mounted switches
- Overhead capacitor racks
- Power, Distribution, Potential & Station Service Transformers

STANDARDS

- IEC 60282-1(2009) High voltage fuses, current limiting fuses
- IEEE C37.41 Standard for Design Tests and Specifications for High-Voltage (> 1000 V) Fuses and Accessories

Name	Rated Voltage (kV)	Rated Current (A)	Colour Code	Breaking Current (kA)	Minimum Breaking Current (A)	Weight (kg)	Cold Resistance (mΩ)	A (mm)	B (Ø)
CF25F1A	11 / 22	1	Orange	25	3	1.6	2500	377.5	40
CF25F2A		2	Black		6		1300		
CF25F3A		3	Pink		9		1100		
CF25F5A		5	Yellow		16		961		
CF25F8A		8	Purple		24		783		
CF25F10A		10	Green		30		489		
CF25F16A		16	Red		48		246		
CF25F20A		20	Blue		62		160		

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