

72 kV Outdoor Current Transformer

AWF-72

Introduction

Cast in Araldite® UV-resistant cycloaliphatic epoxy resin, this high-voltage (72 kV) outdoor-type current transformer is designed to withstand solar ultraviolet radiation and IEC-defined pollution level III (“Heavy”). This HV current transformer maintains its excellent electrical properties even amidst long-term exposure to salt fog, high temperature, and high humidity.



Features

- Durable construction and distinctive design.
- Dry type for easy maintenance.
- High insulation for long service life.
- Designed for tough outdoor conditions.
- Cover for the primary.
- Easily hung.
- Designed for IEC-defined pollution level III.

Specifications

- Standard: IEC (other standards by request)
- Voltage Rating: 72.5 kV
- Rated Frequency: 50 or 60Hz
- Power-Frequency Withstand Voltage: 140 kV/1min
- Lightning Impulse Voltage (1.2/50 μ s): 325 kV
- Wet Flashover Voltage: 180 kV
- Dry Flashover Voltage: 225 kV
- Creepage Distance: >1890 mm

Details

Model	Primary Current	Secondary Current		Burden / Accuracy Class	I _{th}	Num. of Cores	Approx. Weight
		Core 1	Core 2				
AWF-72	50~1200A	5A/1A	-	60VA / 10P20	60A/1S (Max.)	1	221 kg
	50~1200A	5A/1A	5A/1A	15VA/5P20 + 30(15)VA/1.0(0.5)		2	

Note: Other specifications available upon request.

Drawings and Dimensions

