# ROCF36-2

## MEDIUM VOLTAGE OUTDOOR ROLLING STOCK CURRENT TRANSFORMER



## GENERAL FEATURES

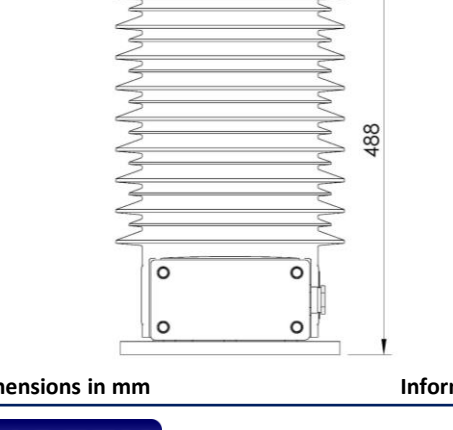
Dry type outdoor current transformer specially designed and tested for railway rolling stock applications. Mounted on roof of locomotive or inside technical room, it is perfectly designed for specific electrical conditions, aggressive and pollluted environment and shocks and vibrations according to IEC 61373.

- ✓ **Standard :** IEC 61869-2 | EN 50152-2-2
- ✓ **Creepage :** 1050mm
- ✓ **Flashover :** 398mm
- ✓ **Ambient temperature :** up to -50/+50°C

## ELECTRICAL FEATURES

- ✓ **Insulation level :** up to 36/75/180kV
- ✓ **Frequency :** 16.67Hz | 50Hz | 60Hz
- ✓ **Primary current (In) :** up to 1250A
- ✓ **Rated short-time thermal current (Ith) :** up to 40kA 1s
- ✓ **Rated dynamic current (Idyn) :** up to 2.5 * Ith
- ✓ **Number of cores :** 1
- ✓ **Double ratio :** by secondary tap
- ✓ **Accuracy class :** 0.1 | 0.2 | 0.2S | 0.5 | 0.5S | 1 | 3 | 5 | 5P | 10P | PX

## DIMENSIONS




## MECHANICAL FEATURES

- ✓ **Approximate weight :** 45kg
- ✓ **Cable outlet :** PG21 nickel-plated brass cable gland for Ø 13 to 19mm
- ✓ **Primary connection :** tinned cooper 4 holes Ø 14mm

## OPTIONS

- ✓ **Cable outlet :** adaptator PG21-PMA

**Dimensions in mm**

**Information given for illustrative purposes. For any other features or need, contact us.**


SADTEM

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