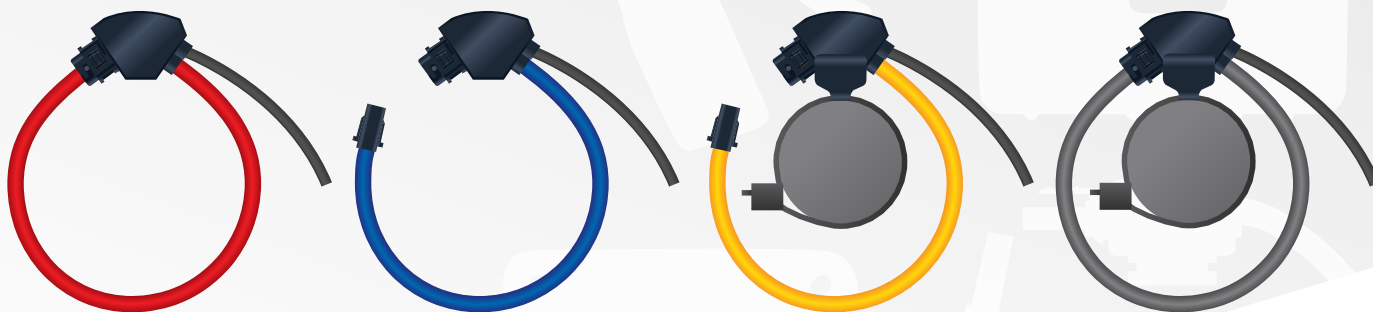


PRECISION CLAMP ON FLEXIBLE ROGOWSKI COIL CT

JRFS-XXXM-S-XXX Series

UL US E344623 CE RoHS2 COMPLIANT



Clamp-on Flexible Rogowski coil Current Transformer has been designed for accurate measurement of AC current with a safe output voltage RMS. JRFS-XXX-M/P (X-XXX) series is the precision current probe for Revenue-Grade Distribution transformer monitoring. With voltage integrator configuration, it can replace the existing CT directly.

APPLICATIONS

- Revenue-Grade distribution transformer monitoring
- Energy sub-meters
- Power meters
- Power quality monitoring
- Condition monitoring
- Distributed measurement systems

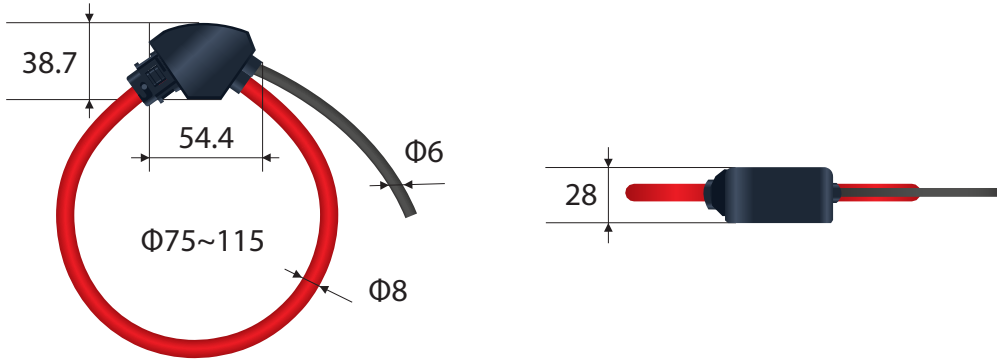
FEATURES

- AC current probe utility by the Rogowski principle
- Flexible and lightweight
- Easy & quick installation in uninterruptible power line
- Insulation CATIII 1000V, IV 600V
- Certificated for UL & CE complying with IEC 61010-1
- Optional size is available from ID 75 to 115mm. (ex. ID 80mm)

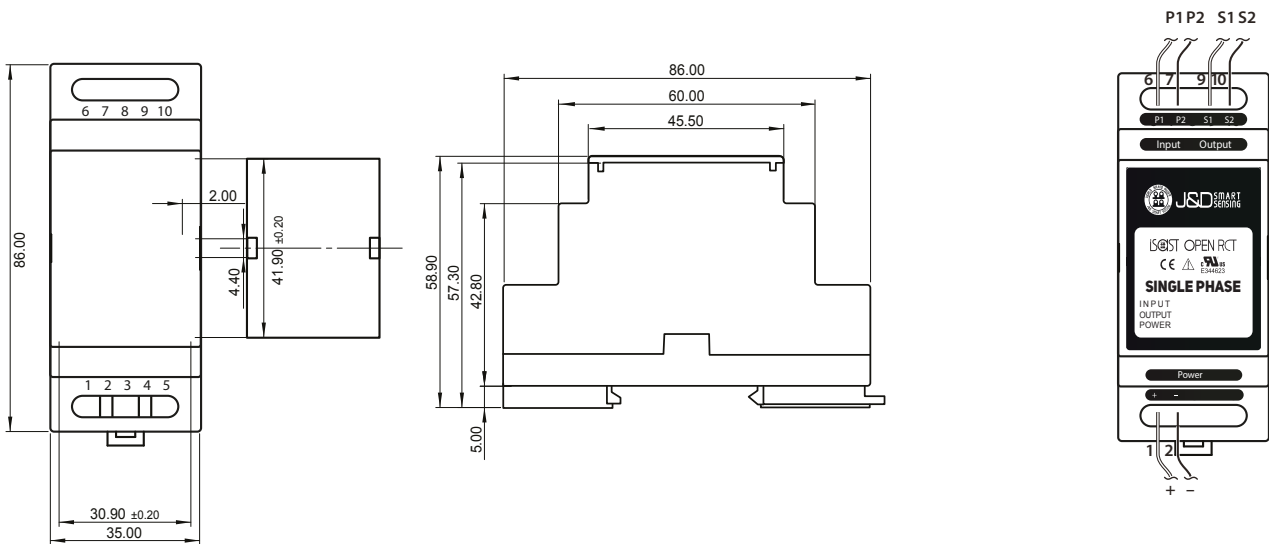
SPECIFICATION

Model	JRFS-080M JRFS-075M	JRFS-115M JRFS-105M
Rated Current	250A ~ 1kA	1kA ~ 2kA
Output Voltage	M Type	104mV(50Hz) [124.8mV(60Hz)] 1kA
Accuracy	< 1%	
Phase Shift	< 1° at 50/60Hz (typical < 0.5°)	
Frequency Range	10Hz to 20kHz	
Output Sensitivity Tolerance	±10% maximum(Uncalibrated)	
Output Sensitivity Tolerance	±0.5% of reading at 25°C (Calibrated)	
Linearity (10% to 100% of range)	±0.2% of reading	
Conductor Position Sensitivity	±2% maximum	
Influence of External Field	±2% maximum	
Working Temp.	-30°C ~ + 60°C	
Storage Temp.	-40°C ~ + 60°C	
Insulation Category	CATIII 1000V / CATIV 600V (PD2-Double Insulation)	
Safety Standards	EN/UL/cUL 61010-1, 61010-2-032	
Testing Voltage	7400V/1min	

DIMENSIONS



OPTION : INTEGRATOR S-XXX SERIES



S Series Output : 0-5VDC

Power supply : 24V DC