

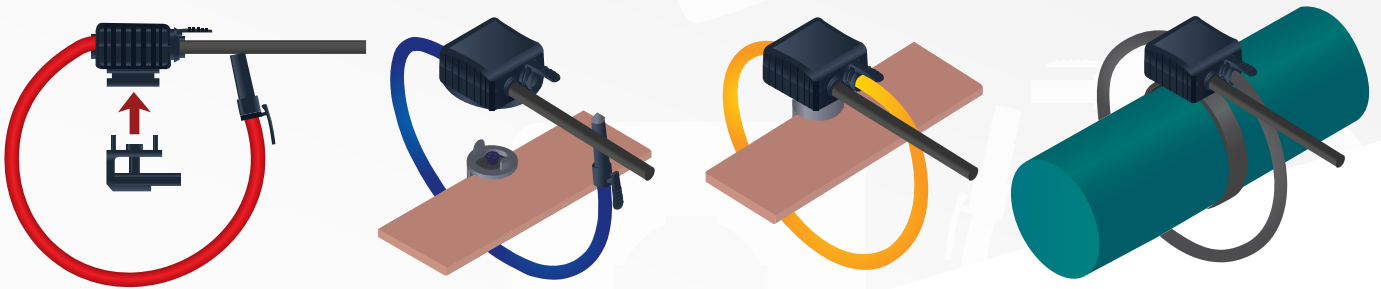
PRECISION CLAMP ON FLEXIBLE ROGOWSKI COIL CT

JRFS-XXR-S-XXX Series

CE RoHS2 COMPLIANT IP67 PROBE HEAD ONLY



Clamp-on Flexible Rogowski coil Current Transformer has been designed for accurate measurement of AC current with a safe output voltage RMS. JRFS-XXR-S-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

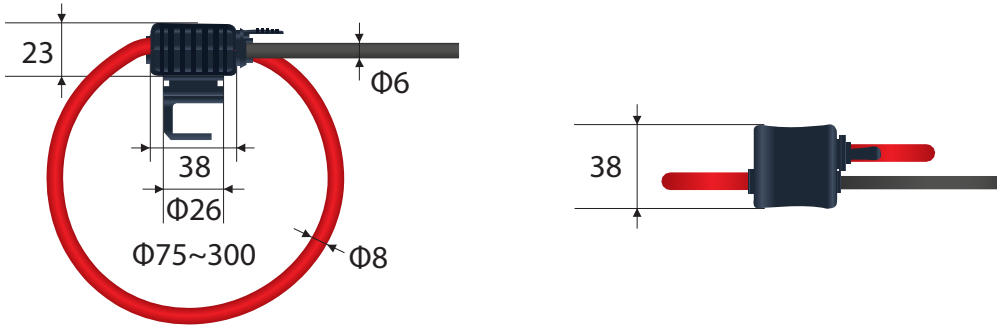
FEATURES

- 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 300mm. (ex. ID 80mm)

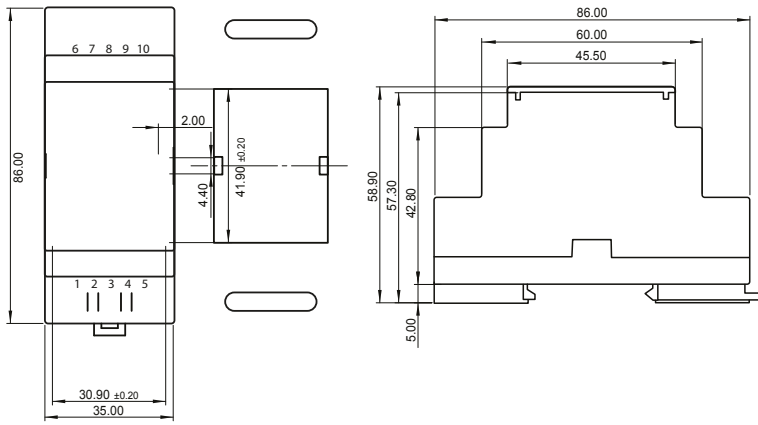
SPECIFICATION

Model	JRFS-080R JRFS-075R	JRFS-115R JRFS-105R	JRFS-180R JRFS-170R	JRFS-300R JRFS-295R
Rated Current	500A ~ 6kA			
Output Voltage	R 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 ~ + 80°C			
Storage Temp.	-40°C ~ + 80°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 : 333mVAC

Output : 333mVAC



Power supply : 24V DC