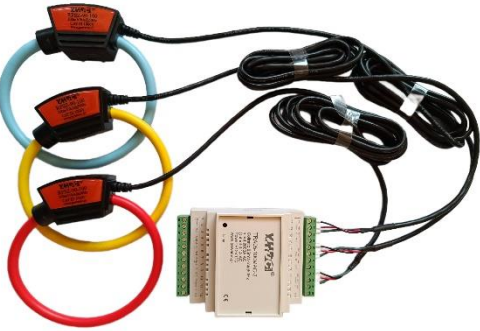


Product data sheet

Specifications



Rogowski coil three-phase current sensor

RFSZ-120-85 TRA05-01AC-3

Basic technical parameter

Model	RFSZ-120-85 TRA05-01AC-3
Coil length	384mm
Coli diameter	120mm
Rated input current	3000A
Rated output	1A AC
Maximum output	1.2A AC
Measurement accuracy	1% (5%-120% Rated input current)
Frequency measurement range	45~65Hz
Maximum Burden	0.5 ohm
Phase shift	<1 degree
Response time	<20ms
Coil output cable length	2m (LIYCY TP Shielded double stranded cable)
Supply voltage	24V DC (±10%) 10W
Installation	Rail

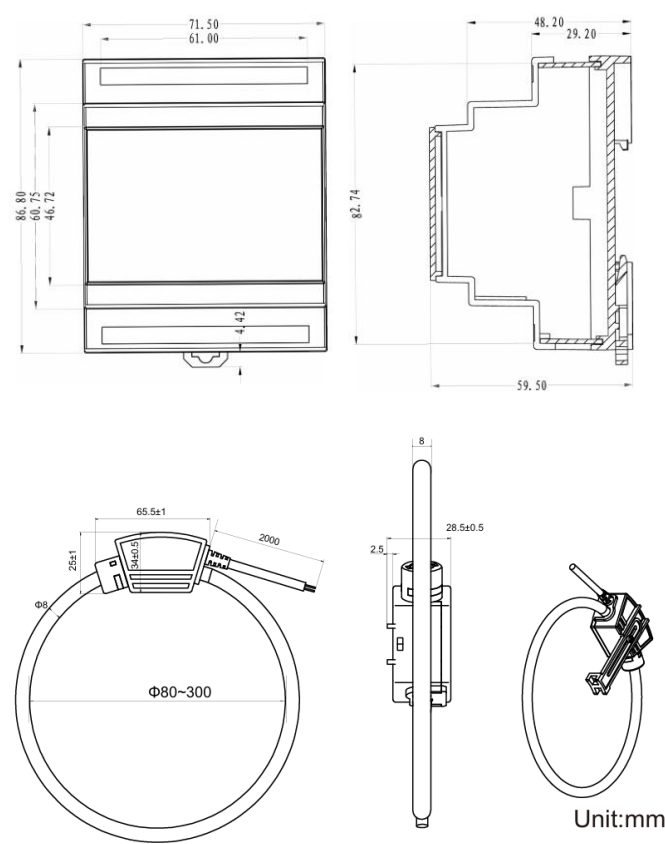
Environment

IP degree of protection	Coil IP67, Integrator IP20
Working voltage	1000V CATIII / 600V CAT IV
Standards	IEC 60529:2013
	IEC 61326:2013
Working temperature	Coil -30~80°C
	Integrator -20~60°C
Storage temperature	Coil -40~80°C
	Integrator -40~70°C
Material	Coil TPR UL97-V0

Packing Units

Unit Type of Package 1	paper
Number of Units in Package 1	1
Package 1 Height	8
Package 1 Width	17
Package 1 Length	20
Package 1 Weight	786g
Unit Type of Package 2	paper
Number of Units in Package 2	6
Package 1 Height	300
Package 1 Width	230
Package 1 Length	370
Package 1 Weight	5.12kg
Origin	China

Dimensions



Typical application diagram

