



# S. P. Wales Ltd

## Electrical Metering Specialists



### Accuenergy RIK 5A – Rokowski Coils

The Accuenergy RIK 5A is the perfect solution for energy monitoring in space-constrained environments. The flexible coils can easily fit into tight spaces, such as crowded electrical panels or large busbars, where traditional CT solutions may be limited.

The primary current can be set on the integrator with primary ranges from 500A to 50,000A, and the 5A secondary is compatible with the vast majority of CT operated meters. This means that the RIK 5A can be used for billing applications where an MID approved meter is required, unlike traditional Rogowski coils which have a 0.333V output.

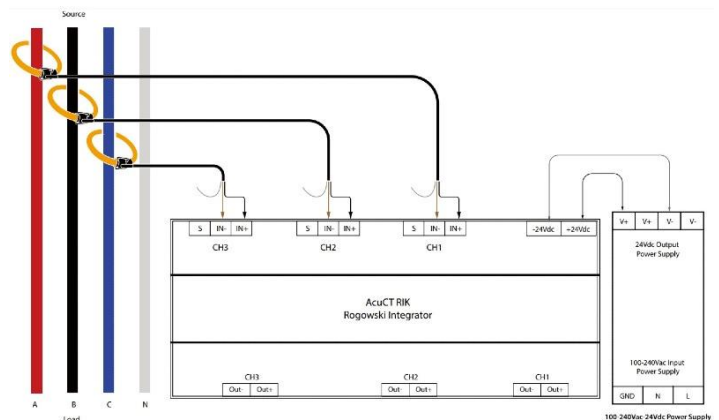
It's highly accurate with  $\pm 1\%$  full-scale error and while typically used on a 3-phase supply, each channel can be configured separately, allowing it to be used on single phase supplies with varying maximum loads.

The integrator is powered by a 24V DC power supply, (included with kit), and both elements are designed to be fitted on a DIN rail requiring just over 14 modules, (253mm).

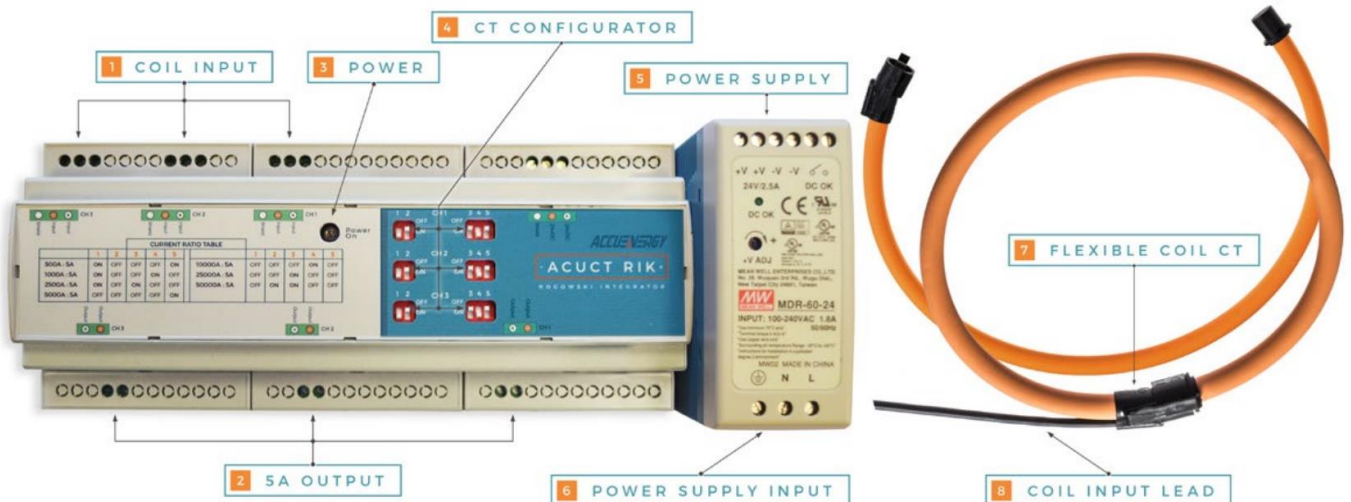
#### Specification

Measurement Range	2.5A - 60000A	
Available Primaries	500A, 1,000A, 2,500A, 5,000A, 10,000A, 25,000, 50,000A (set on integrator)	
Supply Voltage	24V DC $\pm 5\%$	
Rated Output	5A	
Accuracy	$\pm 1\%$	
Operating Temperature	-20 to +55°C	
Input/Output Wire Connection	14 - 30 AWG	
Response Time	$\leq 10\text{ms}$	
Part Code	CTACR16	CTACR24
Manufacturer's Part Code	RIK-16-5A-2M	RIK-24-5A-2M
Coil Length	400mm	600mm
Lead Length	2m	2m
Availability	Next Day	Special Order

#### Wiring Guide



#### What's Included



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