



Magnelab RCS-5A – Rokowski Coils

The Magnelab RCS-5A is an innovative energy monitoring solution, delivering a 5A secondary output unlike most Rogowski coils which output 0.333V. This makes it compatible with most CT operated meters and means they can be used in billing applications where an MID approved meter is required.

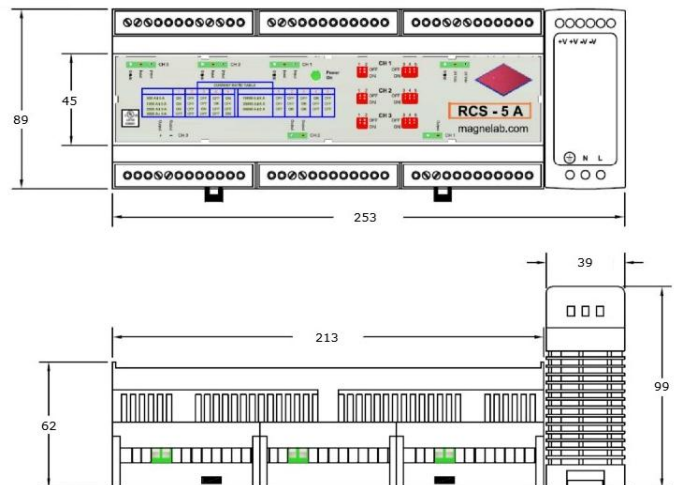
It's perfect for monitoring in tight spaces where conventional CT solutions may be limited, as the flexible coils can easily fit into crowded areas, such as busy electrical panels or large busbars. The primary range can be set from 500A to 50,000A and with $\pm 1\%$ accuracy, it's suitable for the majority of circuits. While typically used on three phase supplies, each phase primary can be set independently meaning it can also be used for up to three single phase supplies.

Designed for error free installation, the RCS-5A comes with the coils and 24V DC power supply pre-wired to the integrator. The coils supplied are 457mm long, one metre leads are attached for the reference voltages and the complete kit comes pre-fitted onto a 30cm DIN rail.

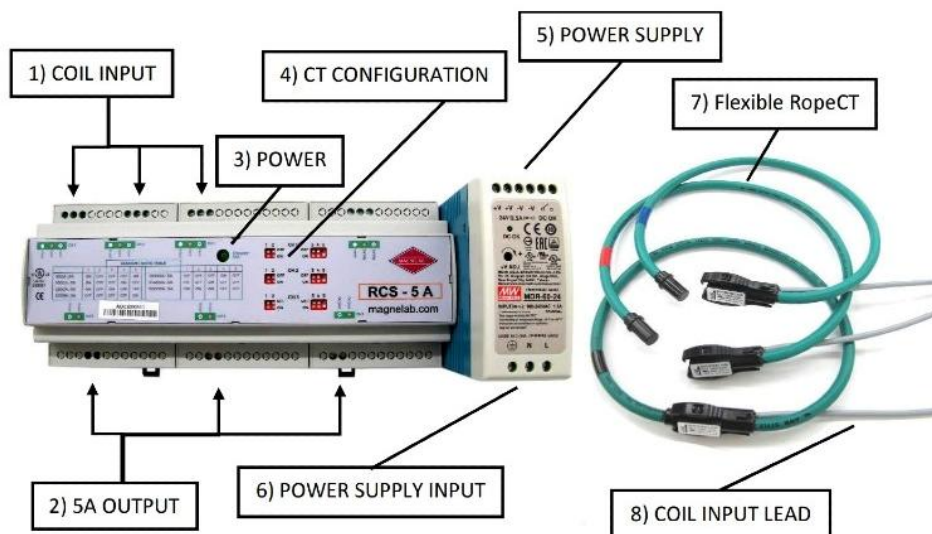
Specification

Part Code	CTMARCS
Manufacturer's Part Code	RCS-1805-VAR
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	$\leq 10\text{ms}$
Coil Length	457mm
Lead Length	2.2m
Availability	Next Day

Dimensions



What's Included



Web: www.spwales.com | **Email:** sales@spwales.com | **Phone:** 01803 295430

While Stephen P Wales Ltd has made every reasonable effort to ensure the accuracy of this information, Stephen P Wales Ltd does not guarantee that it is error-free, nor does Stephen P Wales Ltd make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. Stephen P Wales Ltd reserves the right to make any adjustments to the information contained herein at any time without notice.