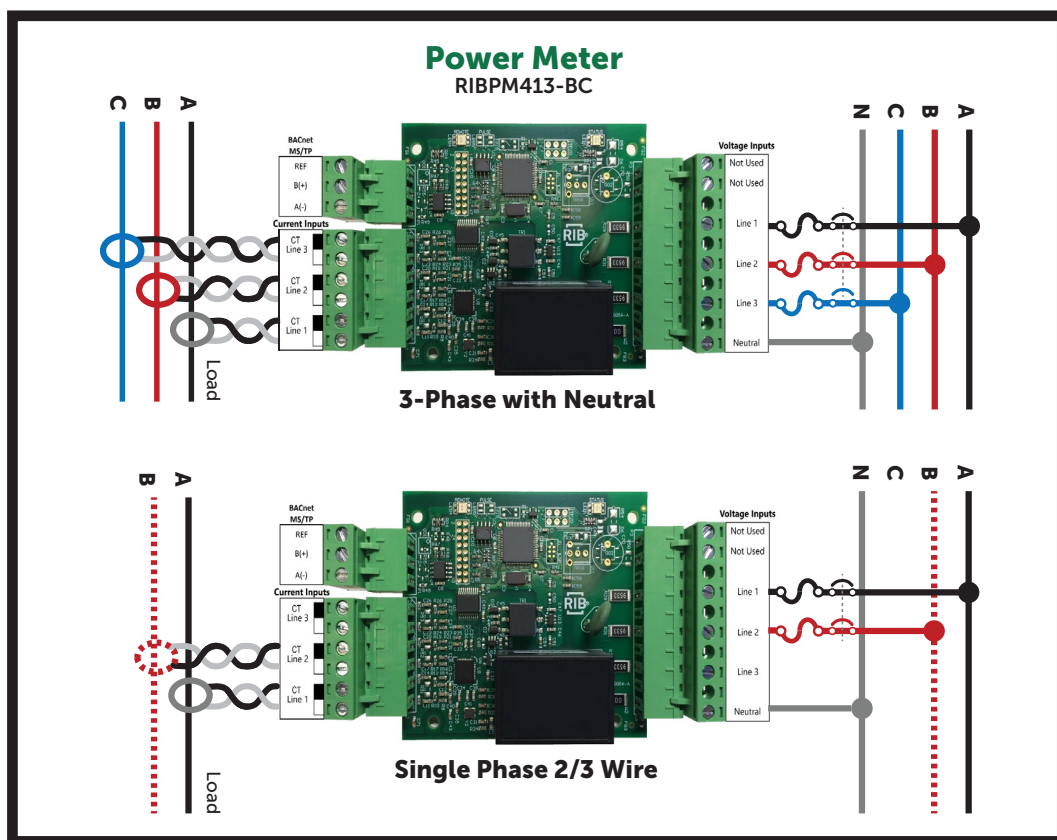


RIB® Power Meter

One of our newest products at Functional Devices is the Power Meter. This revenue grade power metering device is great for single or three-phase power systems. BACnet communication is built in, so integrating this into the building automation system is as easy as terminating the MS/TP connection and discovering it on the controller. Multiple current transformers (CTs) may be used to meter energy usage. The power meter circuit board is mounted on our MT212-4 track, so installation is a breeze.

- MS/TP BACnet® communication
- Accepts 120-277 Vac power input
- Accepts multiple CTs for metering
- UL 61010-1, UL 61010-2-30, CE approved
- Mounting via our MT212-4 track (included)

Contact Tech Support or Sales for information on other current transformer models and product availability.



ASHRAE **BACnet™**



Current Transformers
See next page for available models

RIB® Current Transformers



FDI MODEL	PRIMARY INPUT (A)	SECONDARY OUTPUT (V)	RATIO	ACCURACY	CORE TYPE	WINDOW SIZE
CT-05A0-333	5	0.333	5A/0.333V	0.3	Split	.47" x .45"
CT-025A1-333	25	0.333	25A/0.333V	0.8	Split	.72" x .62"
CT-050A1-333	50	0.333	50A/0.333V	0.5	Split	.72" x .62"
CT-100A1-333	100	0.333	100A/0.333V	0.5	Split	.72" x .62"
CT-100A2-333	100	0.333	100A/0.333V	0.75	Split	1.0" x 1.4"
CT-100A4-333	100	0.333	100A/0.333V	0.5	Split	1.3" x 1.7"
CT-200A4-333	200	0.333	200A/0.333V	0.5	Split	1.3" x 1.7"
CT-400A4-333	400	0.333	400A/0.333V	0.5	Split	1.3" x 1.7"
CT-600A4-333	600	0.333	600A/0.333V	0.5	Split	1.3" x 1.7"
CTS-05A20-333	5	0.333	5A/0.333V	0.2	Solid	.2" diameter
CTS-30A20-333	30	0.333	30A/0.333V	0.2	Solid	.2" diameter
CTS-60A35-333	60	0.333	60A/0.333V	0.2	Solid	.35 diameter
CTS-100A55-333	100	0.333	100A/0.333V	0.2	Solid	.55 diameter
ROPE16-040A-07MV	4,000	0.07	4,000/70mV	0.75	Rope	5.0" diameter
ROPE24-060A-07MV	6,000	0.07	6,000/70mV	0.75	Rope	7.6" diameter
ROPE36-080A-07MV	8,000	0.07	8,000/70mV	0.75	Rope	11.5" diameter
ROPE48-100A-07MV	10,000	0.07	10,000/70mV	0.75	Rope	15.3" diameter

"MOD" & "ROPE" Series

The MOD series of devices are optional modules that connect to the output of the Rogowski Coil CTs (ROPE units) and convert the output to the 0.333 V analog scale for use in other Power Monitoring systems. The MOD series has options for one, two, or three-phase power feeds. The MOD series devices are DIN rail-mountable, are ETL approved, and require 12 Vdc for input voltage.

FDI MODEL	INPUT	SECONDARY OUTPUT (V)	ACCURACY	USED WITH
MOD1-07-33MV	0.07	0.333	0.50	Any "ROPE" CT
MOD2-07-33MV	0.07	0.333	0.50	Any "ROPE" CT
MOD3-07-33MV	0.07	0.333	0.50	Any "ROPE" CT
ROPE16-040A-07MV	4,000	0.07	0.75	Any "MOD" CT
ROPE24-060A-07MV	6,000	0.07	0.75	Any "MOD" CT
ROPE36-080A-07MV	8,000	0.07	0.75	Any "MOD" CT
ROPE48-100A-07MV	10,000	0.07	0.75	Any "MOD" CT