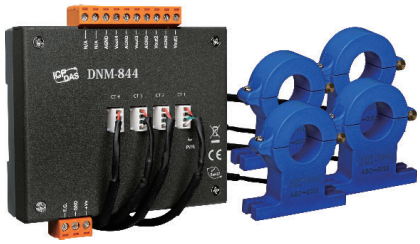


DNM-844-(5A)(10A)(20A)

4 Channel Current Transformer

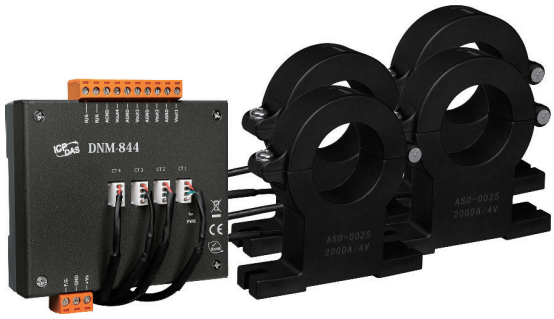
Features

- 4-Channel High Current Input Measurement
- Linear Attenuation Ratio
- Easily Wire Connection



DNM-844-(50A)(200A)(500A)

4 Channel Current Transformer



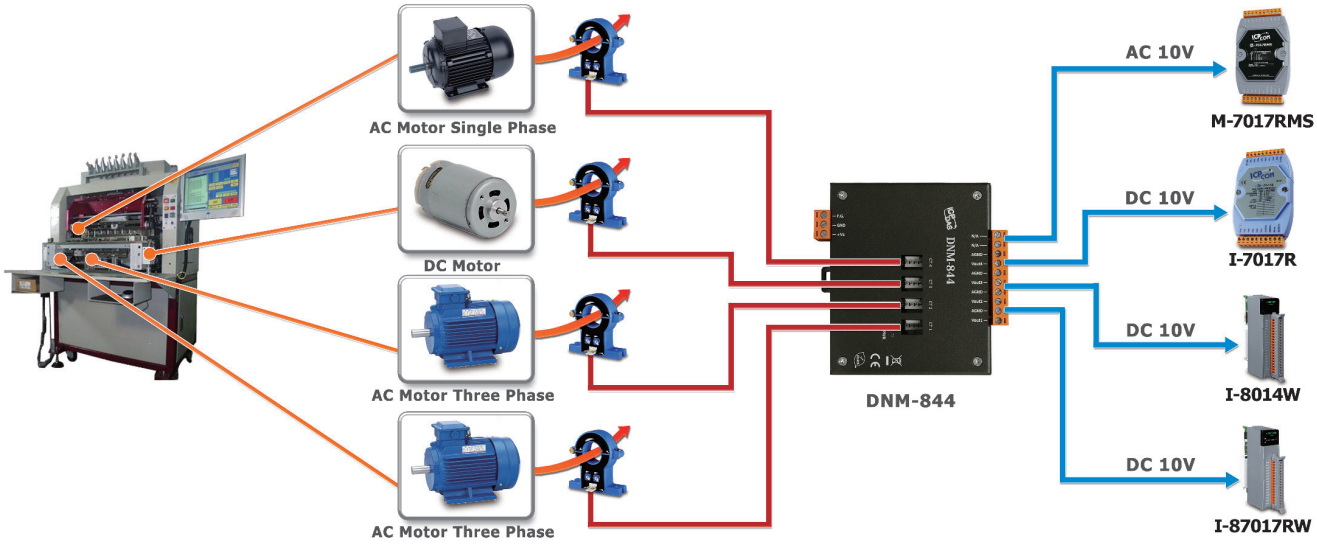
DNM-844-(1000A)(2000A)

4 Channel Current Transformer

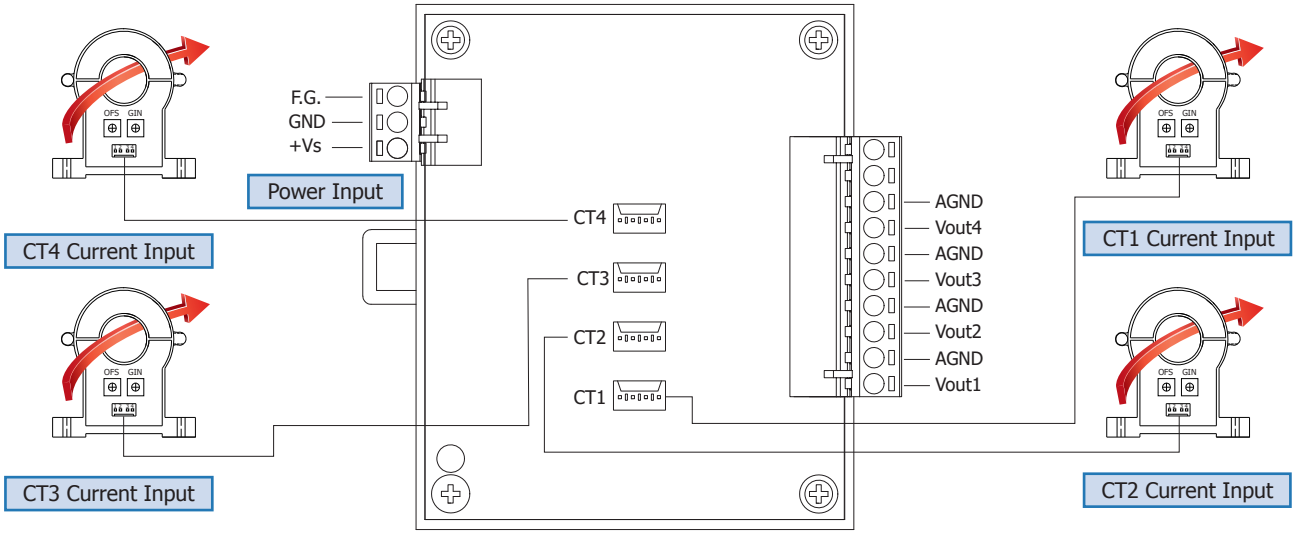
Introduction

The DNM-844 is 4-channel current transformer. The maximum current input range is from ±2000 A can be attenuated to ±10 V. It provides 3000 VDC intra-modules isolation. It can be used with the analog input modules such as I-7017, I-87017, M-7017RMS and I-87017W-RMSetc. to measure the high current.

Applications



Appearance



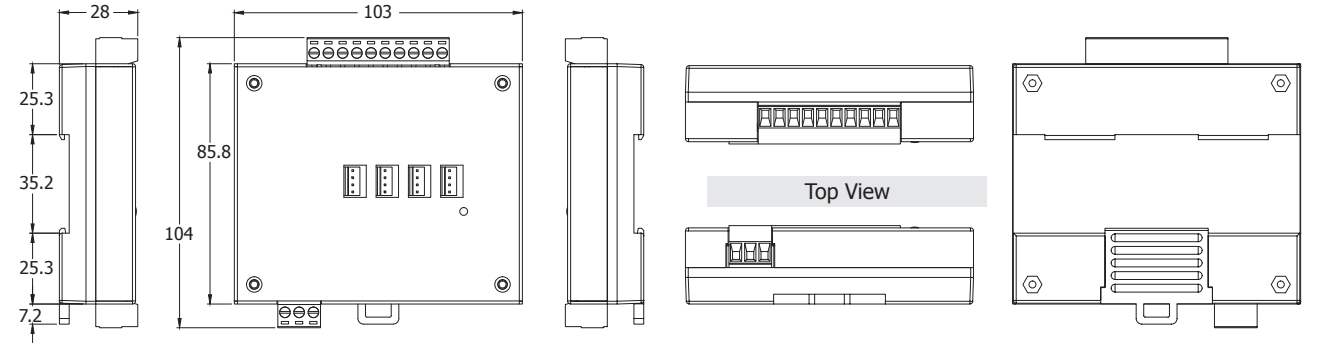
Specifications

Models	DNM-844 -5A	DNM-844 -10A	DNM-844 -20A	DNM-844 -50A	DNM-844 -200A	DNM-844 -500A	DNM-844 -1000A	DNM-844 -2000A
EMS Protection								
ESD (IEC 61000-4-2)	±4 kV contact for power line, input and output channels, ±8 kV air for random point							
Surge (IEC 61000-4-5)	±3 kV for power liner							
CT								
Type	Clip							
Inside Diameter	Φ10 mm			Φ21 mm			Φ40.5 mm	
Leading Cable	1.5 m							
Analog Input								
Channels	4							
Type	AC/DC, Current							
Range	±5A	±10A	±20A	±50A	±200A	±500A	±1000A	±2000A
Accuracy	±1% of FSR							
Bandwidth	0 ~ 10 KHz			0 ~ 50 KHz				
Intra-module Isolation	3000 VDC							
Isolation	2.5 KV @ 50 (60) HZ/1 min							
Analog Output								
Channels	4							
Type	AC/DC, Voltage							
Range	±10 VDC or 10 VAC							
Accuracy	±1% of FSR							
Response time	150μs							
Isolation	2.5 KV @ 50 (60) HZ/1 min							
Power Input								
Input Range	+10 VDC ~ +30 VDC							
Consumption	2.3 W							
Mechanical								
Casing	Metal							
Dimensions (W x L x D)	103 x 104 x 28 (W x L x D)							
Installation	DIN-Rail Mounting							
Environment								
Operating Temperature	-25 ~ +75 °C							
Storage Temperature	-30 ~ +75 °C							
Humidity	10 ~ 90% RH, Non-condensing							

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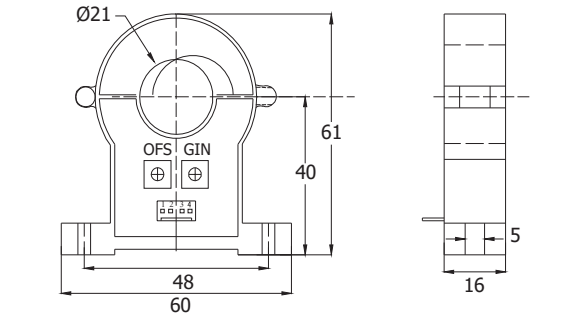
Dimensions (Units: mm)

DNM-844

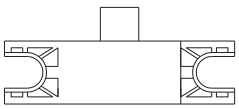


Left View | Front View | Right View | Bottom View | Rear View

50A, 200A, 500A CTΦ21mm

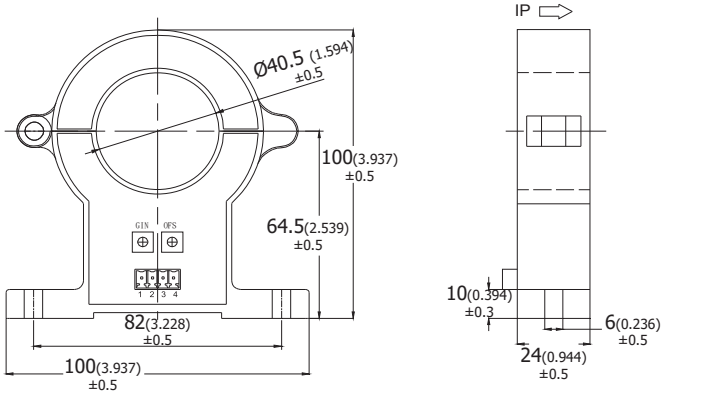


Front View | Right View

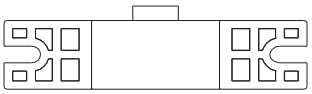


Bottom View

1000A, 2000A CTΦ40.5mm



Front View | Right View

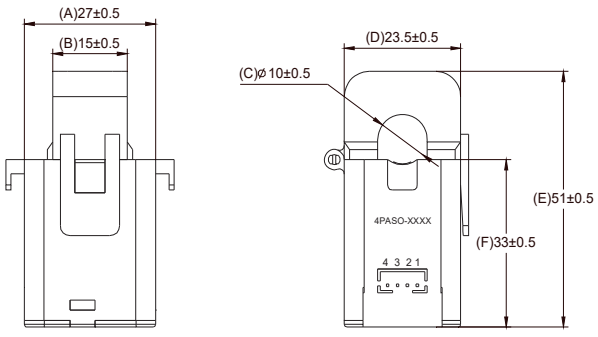


Bottom View

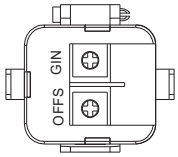
TB1 Pin Assignments

TB1-1:	+15V	RED
TB1-2:	-15V	BLACK
TB1-3:	Output	GREEN
TB1-4:	GND	WHITE

5A, 10A, 20A CTΦ10mm



Front View | Right View



Bottom View

Connection	
1	+15V
2	-15V
3	OUTPUT
4	GND

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Ordering Information

DNM-844-5A CR	4 Channel Current Transformer (5A) (Metal) (RoHS) Includes CA-040415-2 Cable and ASO-0061 Current Transformer
DNM-844-10A CR	4 Channel Current Transformer (10A) (Metal) (RoHS) Includes CA-040415-2 Cable and ASO-0068 Current Transformer
DNM-844-20A CR	4 Channel Current Transformer (20A) (Metal) (RoHS) Includes CA-040415-2 Cable and ASO-0069 Current Transformer
DNM-844-50A CR	4 Channel Current Transformer (50A) (Metal) (RoHS) Includes CA-040415 Cable and ASO-0002 Current Transformer
DNM-844-200A CR	4 Channel Current Transformer (200A) (Metal) (RoHS) Includes CA-040415-1 Cable and ASO-0003-1 Current Transformer
DNM-844-500A CR	4 Channel Current Transformer (500A) (Metal) (RoHS) Includes CA-040415 Cable and ASO-0001 Current Transformer
DNM-844-1000A CR	4 Channel Current Transformer (1000A) (Metal) (RoHS) Includes CA-040415-1 Cable and ASO-0024 Current Transformer
DNM-844-2000A CR	4 Channel Current Transformer (2000A) (Metal) (RoHS) Includes CA-040415-1 Cable and ASO-0025 Current Transformer

Accessories

	**CA-040415 CR**	4-pin & 4-pin Cable 1.5 M (RoHS)
	**CA-040415-1 CR**	4-pin & 4-pin Cable 1.5 M (RoHS)
	**CA-040415-2 CR**	4-pin & 4-pin Cable 1.5 M (RoHS)
	**CA-040425 CR**	4-pin & 4-pin Cable 2.5 M (RoHS)
	**MDR-20-24 CR**	24 V/1 A, 24 W Power Supply with DIN-Rail Mounting (RoHS)
	**I-7017-G CR**	8-channel Analog Input Module with DCON Protocol (Gray Cover) (RoHS)
	**I-87017W-G CR**	8-channel Analog Input Module (Gray Cover) (RoHS)
	**M-7017RMS CR**	8-channel True RMS Input Module (Gray Cover) (RoHS)
	**I-87017W-RMS CR**	8-channel True RMS Input Module (Gray Cover) (RoHS)

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