2C SPLIT CORE CURRENT TRANSDUCER

DESCRIPTION

Product designed using Hall Effect theory with fast output response characteristic. With Clamp like structure, it is safe and convenience to install in any kind of current measuring system. Widely use in DC/AC current including current bipolar and DC pulse conversion for monitoring and control.

FEATURES

- Split core CT with Clamp, easy installation
- Wide Range of Inputs fulfilling all needs
- Direct connect AC or DC current(0~30A/~300A max)
- Compact, DIN rail mounting

ORDERING INFORMATION

2C– [Input range] [Input Frequency] – [Output signal] – [Aux power]

CODE	INPUT RANGE
A6	0 ~ 30 A
A7	0 ~ 50 A*
A8	0 ~ 80 A

CODE	INPUT RANGE
AA	0 ~ 100 A*
AB	0 ~ 150 A*
AC	0 ~ 200 A*
AD	0 ~ 300 A*

CODE	FREQUENCY
5	50Hz ±3Hz
6	60Hz ±3Hz
D	DC

CODE	OUTPUT
A4	0 ~ 20 mA
A5	4 ~ 20 mA
V2	0 ~ 5 V
V3	0 ~ 10 V

CODE	AUX POWER
D2	DC 24 V

SPECIFICATIONS

Measuring Current

Measure:	Hall Effect CT
Measuring range:	Specify AC/DC , input range, frequency 30A,50A,80A,100A,150A,200A,300A
Accuracy:	≤± 0.5% of FS
Response time:	≤ 250mSec
Max burden capacity:	≤ 20times, not exceeding 500A

Analogue output

Ripples:	0~50% of rated: ≤± 0.25% of FS 51~100% of rated: ≤± 0.2% of FS
Isolation:	Between measuring current(input) and output
Output:	Voltage: 0~5V / 0~10V; current: 0~20mA / 4~20mA Please specify range when ordering
Span adjustment:	≤ 5% of FS
Zero adjustment:	≤ 5% of FS
Output Load:	Voltage: 0~5/~10V: ≥ 2500Ω; Current: 4(0)~20mA: ≤ 250Ω max

Electrical Safety

Dielectric strength:	AC 2.0 KV，1Min, between input / output(Aux) / case
Insulation resistance:	≥100M ohm at 500Vdc, between input / output(Aux) / case
Isolation:	Between input / output(Aux)

Power

Aux power:	DC 24V ± 10%
Power consumptions:	Smaller then 2.0VA

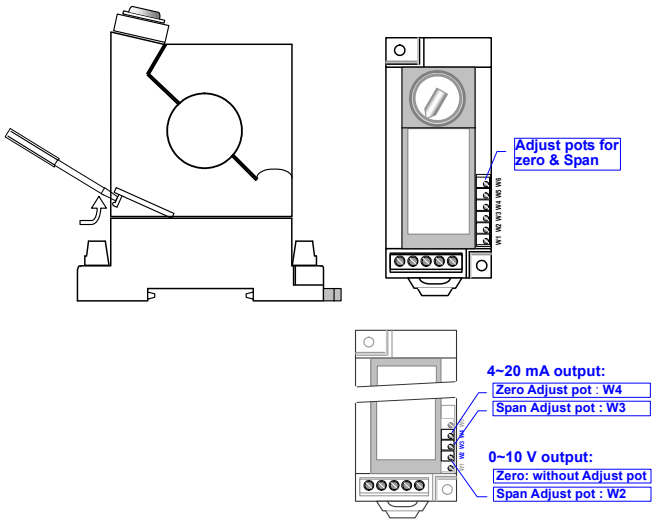
Environmental

Operating temp.:	0~50˚C
Operating humidity:	20~95 %RH, non-condensing
Temp. coefficient:	≤200 PPM/˚C
Storage temp.:	-10~70 ˚C
Enclosure:	IEC 529 (IP52); Case: IP20

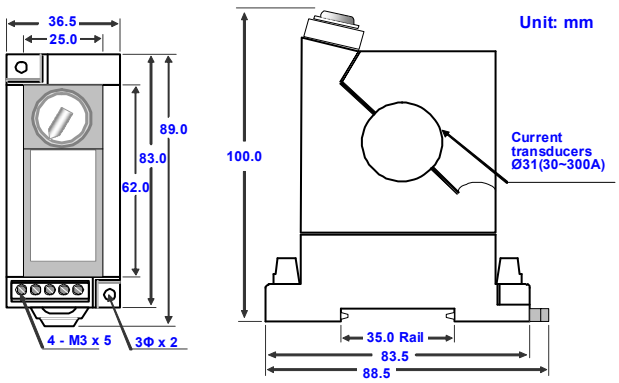
Mechanical

Dimensions:	36.5mm(W) x 100mm(H) x 83.5mm(D) Window Φ31mm
Case material:	ABS (UL 94V-0)
Installation:	DIN rail mounting (35mm)
Wiring terminal:	5A/300Vac, M2.0, 0.5~1.3mm²(22~16AWG)
Weight:	Under 150g

ADJUSTMENT



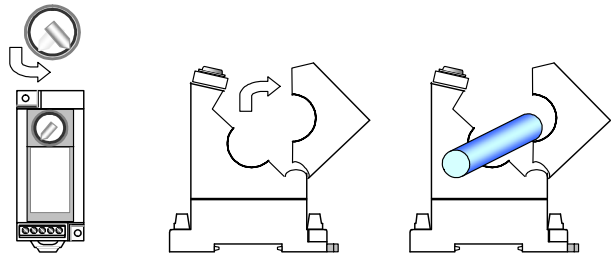
DIMENSIONS



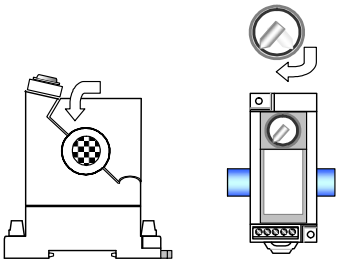
■ INSTALLATION

⚠ ABS casing is quite fragile, when installing please bend wire to fit in hole.

1 Turn switch　2 Open　3 Put in wire



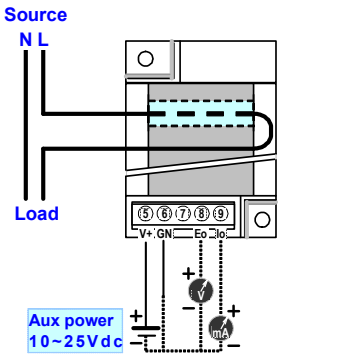
4 Close　5 Lock switch



■ CONNECTION DIAGRAM

When wiring，please ensure Aux voltage is correct and wiring match specify terminal numbers。For safety of equipments and transducer fuse or breaker is recommended.

⚠ Connection diagram may change without notice, please follow diagram on unit if it differ.



Wiring terminal:
5A/300Vac, M2.0, 0.5~1.3mm^2(22~16AWG)