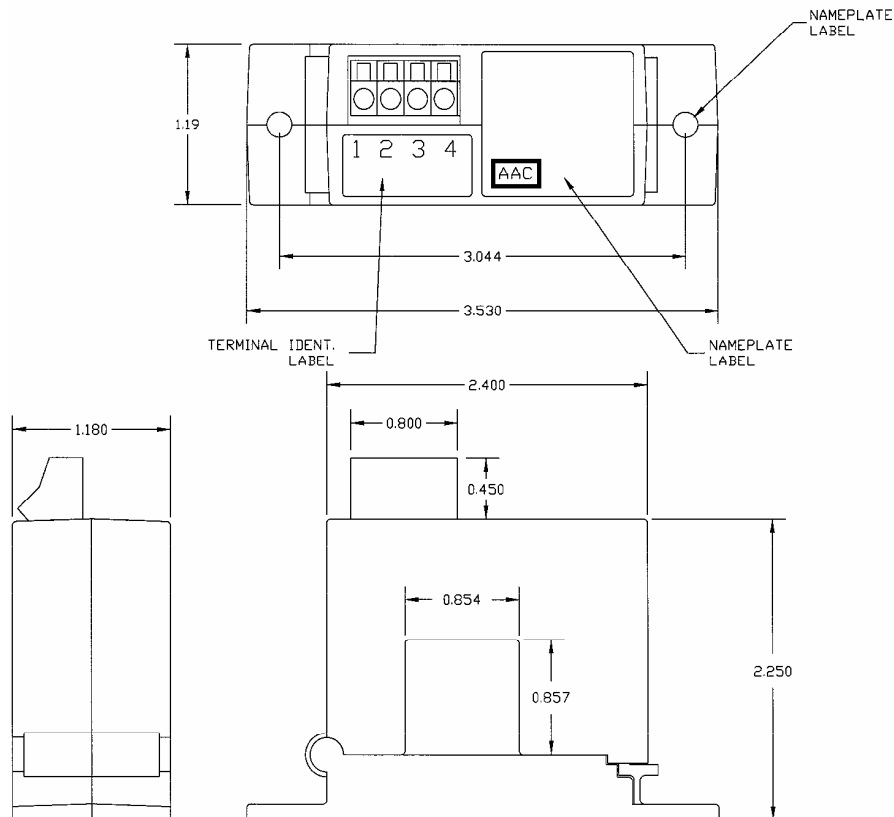


**DC CURRENT TRANSDUCER
SPLIT CORE**

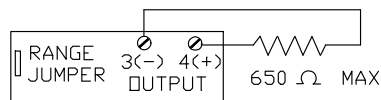


<u>PART. NO.</u>	<u>SELECTABLE MEAS. RANGE</u>	<u>OUTPUT SIGNAL</u>
DCT-05-100	50, 75, 100A	0-5VDC
DCT-05-200	100, 150, 200A	0-5VDC
DCT-05-300	150, 225, 300A	0-5VDC
DCT-05-400	200, 300, 400A	0-5VDC
DCT-20-100	50, 75, 100A	4-20mA
DCT-20-200	100, 150, 200A	4-20mA
DCT-20-300	150, 225, 300A	4-20mA
DCT-20-400	200, 300, 400A	4-20mA

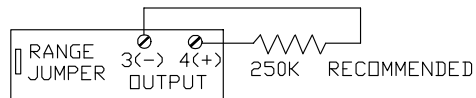
SPECIFICATIONS

Output Signal	4-20mA or 0-5VDC
Output Limit	4-20mA: 44mA 0-5vdc: 13VDC
Accuracy	1.0% FS
Repeatability	1.0%FS
Response Time	100mS (to 90% of step change)
Frequency Range	DC
Power Supply	20-50VDC, 22-38VAC power input and output signal are not isolated.
Power Consumption	2VA
Loading	4-20mA: 650Ω max. 0-5VDC: 250KΩ for rated accuracy; 25KΩ, add 1% error.
Isolation Voltage	3KV (monitored line output)
Linearity	0.75% FS
Current Ranges	Field selectable ranges from 0-400A.
Sensing Aperture	0.85" (21.5mm) sq.
Case	UL 94V-0 Flammability rated
Environmental	-4 to 122° F (-20 to 50° C), 0-95% RH, non-condensing

CONNECTIONS 4-20mA OPTION

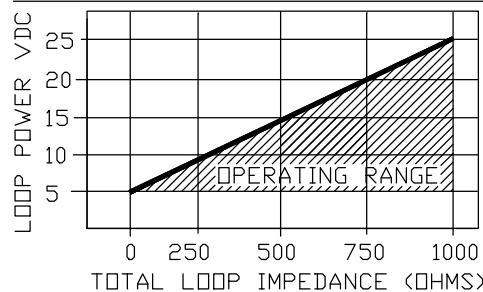


CONNECTIONS 0 TO 5/10VDC OPTION



NOTE: CONNECTIONS CAPTIVE SCREW,
12-22 AWG SOLID OR STRANDED.
OBSERVE POLARITY.

POWER SUPPLY (4-20mA OUTPUT ONLY)



HOW TO ORDER

DCT-

	RANGE
-05	0 TO 2 OR 5A
-50	0 TO 10, 20, OR 50A
-200	0 TO 100, 150, OR 200A

	OUTPUT
-05	0 TO 5VDC
-10	0 TO 10VDC
-20	4 TO 20mA

AAC	Drawing Number	Rev.
	700-DCT	D