



CURRENT SENSOR TRANSFORMER (CST-03 SERIES)

Features:

- The current sensor transformers are designed and built to meet the US and international safety standards.
- Primary current up to 100A.
- Frequency range: 47 to 400Hz.
- Insulation grade from Class B to Class F are available.
- Custom design Turns-Ratio available.
- Operating temperature range: -40°C to +70°C.
- Storage temperature range: -55°C to +130°C.
- Cross Reference: Talema Group, FLEX-CORE current sensor products.
- Custom versions upon requested.
- According to:

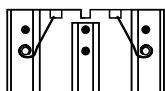
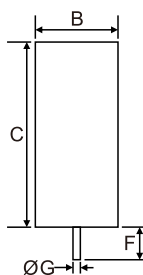
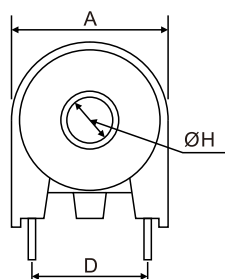


Fig1

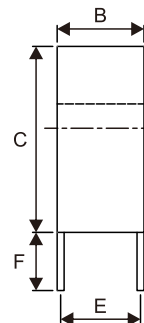
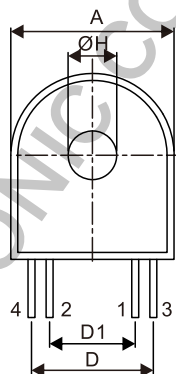


Fig2

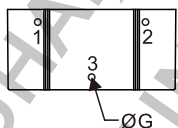
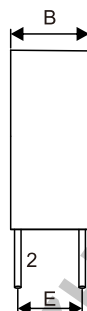
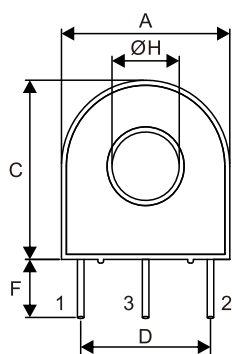
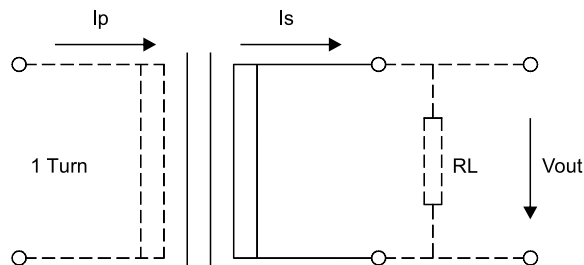


Fig3

•Schematic



Test Circuit

Size	Fig	Dimensions(mm)									Weight (g)
		A	B	C	D	D1	E	F	G	H	
CST03A	1	17.0	9.5	20.0	12.7	-	-	5.0	0.8	5.1	11.0
CST03B	2	23.5	11.0	25.0	19.0	15.0	9.5	5.0	0.8	7.0	15.0
CST03C	3	23.8	11.6	24.8	15.0	-	7.6	5.0	0.8	9.5	16.5
CST03D	2	37.5	14.0	39.0	33.0	25.4	13.0	5.0	0.8	13.0	50.0

Part No.	Typical Input Current (A)	Typical Output Current* (mA)
CST03A-01	5,10,15,20A	5,10,15,20mA
CST03B-01	5,10,20,30,60A	5,10,15,20,40,50mA
CST03C-01	10,20,50,60,70A	5,10,15,20,30,50,70mA
CST03D-01	30,50,60,80,100A	5,10,15,20,30,50,100mA

Notes: 1.* The output current can be customized by customer.
2.- means not applicable.