



# CURRENT TRANSFORMERS WITH TRANSDUCER



## CTC 140/80

Two in one: combination of current transformer and electronic transducer. The two components are built into the same case. It is self powered. The C.T. provides a galvanic isolation between the sensing circuit, the electronic circuit and mains.

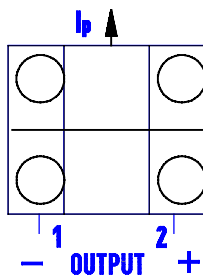
### Technical data:

<b>Class of accuracy:</b>	0.5	
<b>Input:</b>	250...2000 A AC	
<b>Accuracy range:</b>	20...120% $I_N$	
<b>Rated voltage:</b>	720 V.	
<b>Output (DC):</b>	0... 20 mA	10 V
<b>Rated burden:</b>	$R_L=0...200 \Omega$	$R_L > 2 k$
<b>Rated frequency:</b>	50-60 Hz.	
<b>Working temperature range:</b>	0 ... +45°C.	
<b>High voltage test:</b>	4 kV <sub>eff</sub> , 50 Hz, 1 min.	
<b>Insulation class:</b>	E (max. 120°C)	
<b>Protection:</b>	IP 00.	
<b>Case:</b>	non-flammable plastic, UL 94 V-0.	

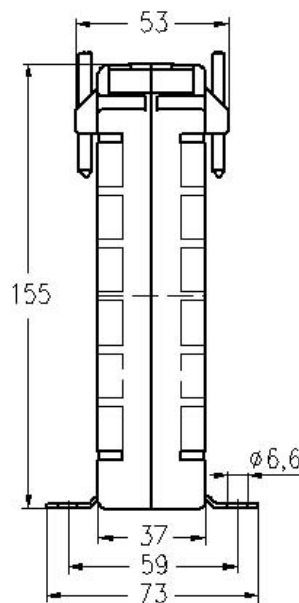


CTC 140/80					
INPUT	OUTPUT	INPUT	OUTPUT	INPUT	OUTPUT
250 A	0 ... 20 mA	600 A	0 ... 20 mA	1250 A	0 ... 20 mA
	0 ... 10 V		0 ... 10 V		0 ... 10 V
300 A	0 ... 20 mA	750 A	0 ... 20 mA	1500 A	0 ... 20 mA
	0 ... 10 V		0 ... 10 V		0 ... 10 V
400 A	0 ... 20 mA	800 A	0 ... 20 mA	1600 A	0 ... 20 mA
	0 ... 10 V		0 ... 10 V		0 ... 10 V
500 A	0 ... 20 mA	1000 A	0 ... 20 mA	2000 A	0 ... 20 mA
	0 ... 10 V		0 ... 10 V		0 ... 10 V

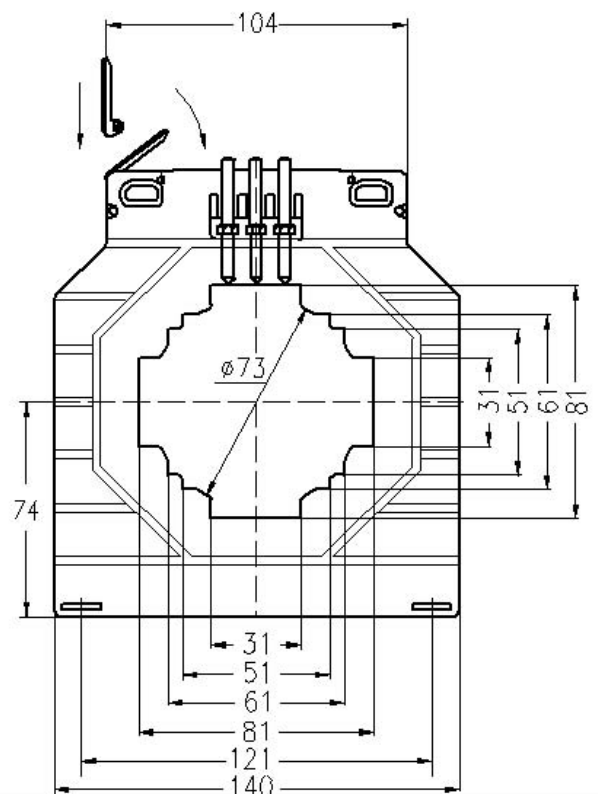
Connection diagram



Outline drawing



Dimension in mm.



### Order specification:

AC current transformer with transducer,  
self powered  
Input current: 1500 A  
Output: 0...10 V  
Class of accuracy: 0.5

**CTC 140/80 1500A 0...10 V Cl. 0.5**

### Note:

On request orders for types different from table are accepted.

**Weight:** 900...1200gr