



**Yc-96/ Yc-72 Ac A Electromagnetic Series (moving iron) Ac Ammeter**

Accuracy class: 1.5(The DC 60A or more is 2.5)  
Specifications:  
0.5A 1A 1.5A 3A 5A 7.5A 10A 15A 20A 25A 30A 40A 50A 60A 80A 100A  
More than 100A connecting inferior 5A or 1A of current transformer outside



**YC-96/ YC-72 AC V Electromagnetic Series (moving iron) AC Voltmeter**

Accuracy class: 1.5  
Specifications:  
30V 50V 75V 100V 120V 150V 200V 250V 450V 500V 600V  
More than 600V connecting inferior 100V of voltage transformer outside.



**YC-96/ YC-72 DC A Electromagnetic Series (moving coil) DC Ammeter**

Accuracy class: 1.5  
Specifications:  
50uA 100uA 150uA 500uA 1mA 2mA 5mA 10mA 20mA 30mA 50mA 75mA 100mA  
150mA 200mA 250mA 300mA 500mA 1A 2A 3A 7.5A 10A 20A 30A 50A 60A.  
More than 20A connecting 50mV,60mV or 75mV of shunt Outside.



**YC-96/ YC-72 DC V Electromagnetic Series (moving coil) DC Voltmeter**

Accuracy class: 1.5  
Specifications:  
50mV 60mV 75mV 100mV 3V 5V 7.5V 10V 15V 20V 30V 50V 75V 100V 120V 150V  
200V 250V 300V 400V 450V 500V 600V,  
More than 600V connecting with Quota Resistors (Rated current 1mA)



**YC-96 Hz/ YC-72 Hz Pointer Frequency Table**

Accuracy class: 0.5 or 1.0  
Voltage: 110V, 220V, 380V, 415V, 440V  
Frequency: 45-55Hz, 45-65Hz, 55-65Hz, 47-53Hz, 57-63Hz



**YC-96/ YC-72 HZ Vibrating Reed Frequency Table**

Accuracy class: 1.0  
Voltage: 110V, 220V, 380V, 415V, 440V  
Frequency: 45-55Hz, 45-65Hz, 55-65Hz, 47-53Hz, 57-63Hz



**YC-96/ YC-72 COS Power Factor Meter**

Accuracy class: 2.5  
Three-phase voltage: 110V, 220V, 380V, 415V, 440V/1A or 5A  
Single phase voltage: 110V,220V/1A or 5A  
Frequency: 50/60Hz  
Specifications: 0.5cap-1-0.5ind



**YC-96/ YC-72 KW Power Meter**

Accuracy class: 1.5  
Single phase voltage: 100V, 110V, 220V  
Three-phase three-wire voltage: 100V, 110V, 220V, 380V, 415V(Balanced load or unbalanced load)  
Current: Input Current more than 10A connecting inferior 1A or 5A of current tranformer outside, otherwise allowing direct access according to the current value.  
Frequency: 50/60Hz



**YC-96 KW Power Meter**

Accuracy class: 1.5  
Three-phase four-wire voltage: 100V, 110V, 220V, 380V, 415 (Balanced load or unbalanced load)  
Current: Input Current more than 10A connecting inferior 1A or 5A of current tranformer outside, otherwise allowing direct access according to the current value.  
Frequency: 50/60Hz  
Specifications: 100W, 200W...1KW, 2KW...1MW, 2MW...6MW.



**YC-96/ YC-72 MD Maximum Demand Vector Table (double needle table)**

Accuracy class:3.0  
Specifications: 8 minutes 1A, 15 minutes 1A, 30 minutes 1A, 8 minutes 5A, 15 minutes 5A, 30 minutes 5A (As long as the input signal is the same, the dail can arbitrary change according to the change of transformer,accuracy unchanged)



**96 Type Maximum Demand Vector Table (three needle table)**

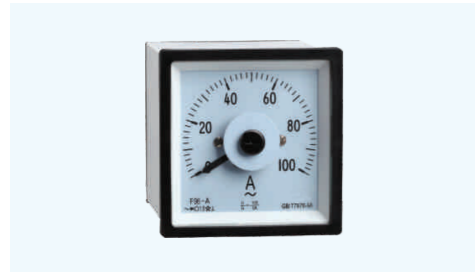
YC-96 2MD

Accuracy class: 3.0, Instantaneous ammeter 1.5 degree  
Specifications: 8 minutes 1A, 15 minutes 1A, 30 minutes 1A, 8 minutes 5A, 15 minutes 5A, 30 minutes 5A (As long as the input signal is the same, the dail can arbitrary change according to the change of transformer, accuracy unchanged).



**YC-96/ YC-72 H Cumulative schedule**

Maximum display: 99999.99  
Voltage: DC12V, 24V; AC110V, 220V, 380V  
Frequency: 50/60Hz



**YC-96/ YC-72 L DC A 240° Electromagnetic Series (moving coil) DC Ammeter**

Accuracy class: 1.5  
Specifications: 100uA 150uA 500uA 1mA 2mA 5mA 10mA 20mA 30mA 50mA 75mA  
100mA 150mA 200mA 250mA 300mA 500mA 1A 2A 3A 7.5A 10A 15A  
More than 20A connecting 50mV,60mV or 75mV of shunt Outside.



**YC-96/ YC-72 L DC V 240° Electromagnetic Series (moving coil) DC Voltmeter**

Accuracy class: 1.5  
Specifications: 50mV 60mV 75mV 100mV 3V 5V 7.5V 10V 15V 20V 30V 50V 75V  
100V 120V 150V 200V 250V 300V 400V 450V 500V 600V,  
More than 600V connecting with Quota Resistors (Rated current 5mA)



**YC-96/ YC-72 L HZ 240° Frequency Table**

Accuracy class: 1.0  
Voltage: 110V, 220V, 380V, 415V, 440V  
Frequency: 45-55Hz, 45-65Hz, 55-65Hz, 47-53Hz, 57-63Hz, 450-550Hz, 450-650Hz,  
550-650Hz.



**YC-96/ YC-72 L COS 240° Power Factor Meter**

Accuracy class: 2.5  
Three-phase voltage: 110V, 220V, 380V, 415V, 440V/1A or 5A  
Single phase voltage: 110V, 220V/1A or 5A  
Frequency: 50/60Hz  
Specifications: 0.5cap-1-0.5ind, 0.4cap-1-0.4ind.



**YC-96/ YC-72 L KW 240° Power Meter**

Accuracy class: 1.5  
Single phase voltage: 100V, 110V, 220V  
Three-phase three-wire voltage: 100V, 110V, 220V, 380V (Balanced load or unbalanced load)  
Three-phase four-wire voltage: 100V, 110V, 220V, 380V, 415V (Balanced load or unbalanced load)  
Specifications: 100W, 200W...1KW, 2KW...1MW, 2MW...6MW.



**YC-48 AC A Electromagnetic Series (moving iron) AC Ammeter**

Accuracy class: 1.5 (The DC 60A or more is 2.5)  
Specifications:  
0.5A 1A 1.5A 3A 5A 7.5A 10A 15A 20A 25A 30A 40A 50A 60A 80A 100A  
More than 100A connecting inferior 5A or 1A of current transformer outside



**YC-48 AC V Electromagnetic Series (moving iron) AC Voltmeter**

Accuracy class: 2.5  
Specifications:  
30V 50V 75V 100V 120V 150V 200V 250V 450V 500V 600V  
More than 600V connecting inferior 100V of voltage transformer outside.



**YC-48 L DC A 240° Electromagnetic Series (moving coil) DC Ammeter**

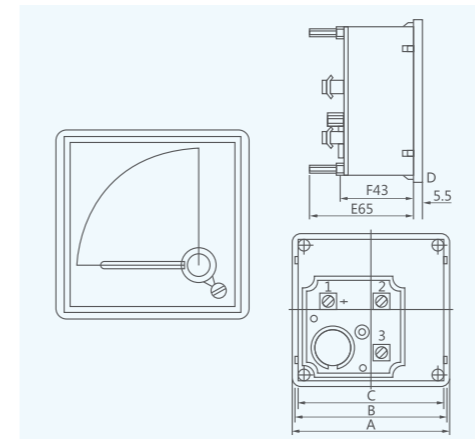
Accuracy class: 2.5  
Specifications:  
100uA 150uA 500uA 1mA 2mA 5mA 10mA 20mA 30mA 50mA 75mA 100mA 1A 2A  
3A 7.5A 10A 20A 30A 50A  
More than 20A connecting 50mV,60mV or 75mV of shunt Outside.



**YC-48 DC V Electromagnetic Series (moving coil) DC Voltmeter**


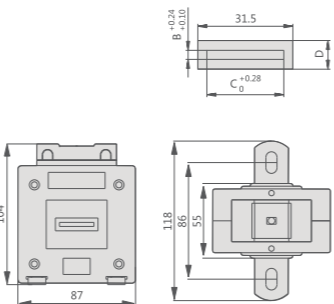
Accuracy class: 2.5  
Specifications:  
50mV 60mV 75mV 100mV 3V 5V 7.5V 10V 15V 20V 30V 50V 75V 100V 120V 150V  
200V 250V 300V 400V 450V 500V 600V,  
More than 600V connecting with Quota Resistors (Rated current 1mA)

**Outline and Dimensions**


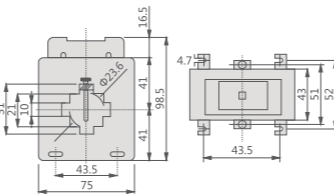


Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Hole Size
YC-120	120	112	112	55	65	43	113×113
YC-96	96	91	90	55	65	43	92×92
YC-82	82	76	75	55	65	43	76×76
YC-72	72	67	66	55	65	43	68×68
YC-48	48	43	42	55	65	43	44.5×44.5
YC-99T1	48	43	42	55	65	43	44.5×44.5


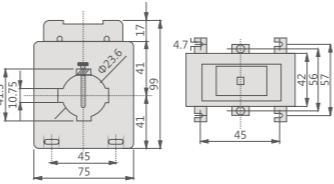
General technical data and dimensions

	Current ratio (A)	Capacity (VA)		Mandrel turns	Overall and mounting dimensions (mm)
		class 0.5	class 1.0		
	5/5	5	7.5	1	
	10/5	5	7.5	1	
	15/5	5	7.5	1	
	20/5	5	7.5	1	
	25/5	5	7.5	1	
	30/5	5	7.5	1	
	50/5	5	7.5	1	
	60/5	5	7.5	1	
	100/5	5	7.5	1	
	150/5	5	7.5	1	
200/5	5	7.5	1		
150/5	5	7.5	1		
300/5	5	7.5	1		


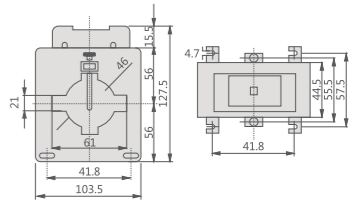
MSQ-30B

	30/5		1.0	1	
	40/5		1.0	1	
	50/5		1.0	1	
	60/5	1	1.0	1	
	75/5	1.5	1.5	1	
	80/5	2.5	2.5	1	
	100/5	5	5	1	
	150/5	5-10	5-10	1	
	200/5	5-10	5-10	1	
	250/5	5-10	5-10	1	
300/5	5-10	5-10	1		


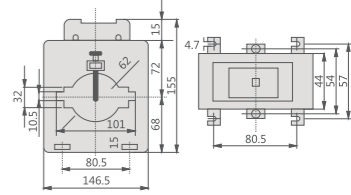
MSQ-30

	100/5	2.5	2.5	1	
	150/5	3	3	1	
	200/5	5	5-10	1	
	250/5	5-10	5-10	1	
	300/5	5-10	5-10	1	
	400/5	5-10	5-10	1	
500/5	5-10	5-10	1		

MSQ-40

	Current ratio (A)	Capacity (VA)		Mandrel turns	Overall and mounting dimensions (mm)
		class 0.5	class 1.0		
	250/5	5	5	1	
	300/5	5	5	1	
	400/5	5-10	5-10	1	
	500/5	5-10	5-10	1	
	600/5	10-15	10-15	1	
	750/5	10-15	10-15	1	
	800/5	10-15	10-15	1	
	1000/5	15	15	1	

MSQ-60

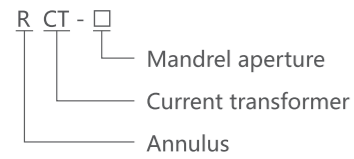
	1500/5	15	15	1	
	1600/5	15	15	1	
	2000/5	15	15	1	
	2250/5	15	15	1	
	2500/5	15	15	1	
	3000/5	15	15	1	

MSQ-100

**Applicable scope**

RCT type is indoor type current transformer. It is suitable for using in the circuit that rated voltage up to 0.5kv, frequency 50 Hz to do the current, power measuring or relay production. This molded case current transformer has small size and light weight, panel fixing.


**Code and Implication**


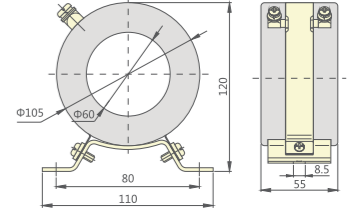

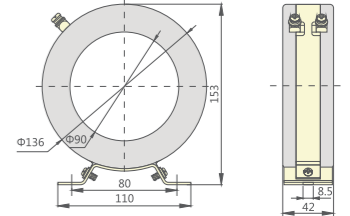

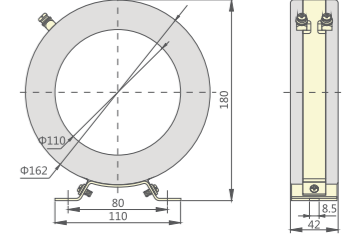


**Working and installation environment**

1. Working place: Indoor
2. Ambient temperature: -5°C~40°C
3. Humidity: < 80%
4. Altitude: < 1000m
5. Atmospheric conditions: no serious pollution

**General technical data and dimensions**

	Current ratio (A)	Capacity (VA)		Mandrel turns	Overall and mounting dimensions (mm)
		class 0.5	class 1.0		
 RCT-25	75/5	2.5	2.5	1	
	100/5	2.5	2.5	1	
 RCT-35	75/5	2.5	2.5	1	
	100/5	2.5	2.5	1	
	150/5	5	5	1	
	200/5	5	5	1	
	250/5	5	5	1	
	300/5	5	5	1	

	Current ratio (A)	Capacity (VA)		Mandrel turns	Overall and mounting dimensions (mm)
		class 0.5	class 1.0		
 RCT-60	400/5	5	5	1	
	500/5	10	10	1	
	600/5	10	10	1	
	750/5	10	10	1	
	800/5	10	10	1	
	1000/5	10	10	1	
 RCT-90	1200/5	10	10	1	
	800/5	10	10	1	
	1000/5	10	10	1	
	1200/5	10	10	1	
	1500/5	10	10	1	
 RCT-110	1600/5	10	10	1	
	1500/5	10	10	1	
	1600/5	10	10	1	
	2000/5	20	20	1	
	2500/5	20	20	1	
3000/5	20	20	1		


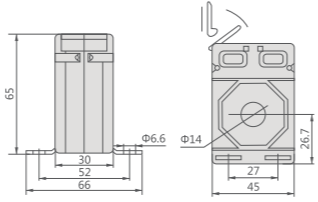
**Notice for ordering**

Following information should be specified when ordering:


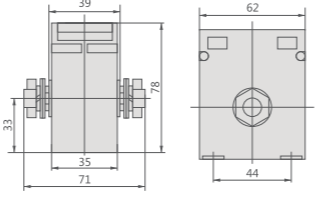
1. Type and window width
2. Current ratio
3. Accuracy
4. Also could be customized according to customer's requirement.




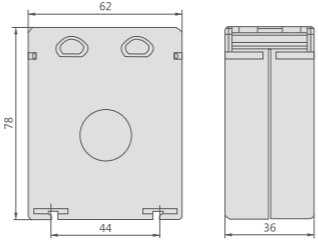
General technical data and dimensions

Image	Current ratio (A)	Capacity (VA)				Mandrel turns	Overall and mounting dimensions (mm)
		class 3.0	class 1.0	class 0.5	class 0.2		
	30/5	1				2	
	40/5	1				2	
	50/5		1.5			1	
	60/5		2.5			1	
	75/5		2.5			1	
	80/5		2.5			1	
	100/5		2.5			1	


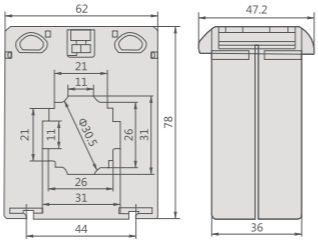
YCP-45/14

	5/5		5	5		1	
	10/5		5	5		1	
	30/5		5	5		1	
	40/5		5	5		1	
	50/5		5	5		1	
	60/5		5	5		1	
	75/5		5	5		1	
	80/5		5	5		1	


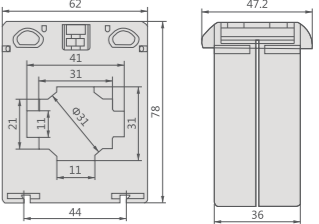
YCP-62/WS

	30/5	1.5				2	
	40/5	1.5				2	
	50/5	2.5				2	
	60/5	2.5				1	
	75/5	2.5				1	
	80/5	2.5				1	
	100/5	2.5				1	


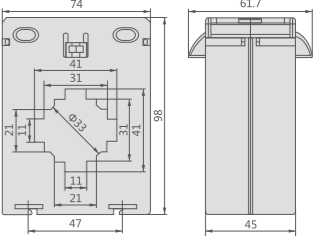
YCP-62/20

	40/5		1.5			1		
	50/5		1.5			1		
	60/5		1.5			1		
	75/5		1.5			1		
	80/5		1.5			1		
	100/5			2.5				1
	150/5			2.5				1
	200/5			5				1


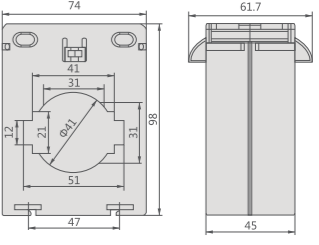
YCP-62/30

Image	Current ratio (A)	Capacity (VA)				Mandrel turns	Overall and mounting dimensions (mm)
		class 3.0	class 1.0	class 0.5	class 0.2		
	150/5		2.5			1	
	200/5		5			1	
	250/5			5		1	
	300/5			5		1	
	400/5			5		1	
	500/5			5		1	
	600/5			7.5		1	


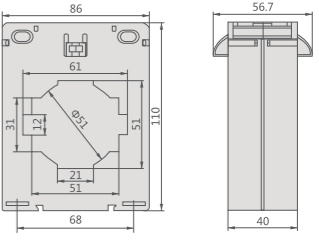
YCP-62/40

	200/5			5		1	
	250/5			5		1	
	300/5			5		1	
	400/5			5		1	
	500/5			10		1	
	600/5			10		1	
	800/5			10	5	1	

YCP-74/40

	300/5			10		1	
	400/5			10		1	
	500/5			10		1	
	600/5			15		1	
	800/5			15	5	1	
	1000/5			15	5	1	

YCP-74/50

	500/5			10		1	
	600/5			10		1	
	800/5			10	5	1	
	1000/5			15	5	1	
	1200/5			15	5	1	
	1500/5			15	5	1	

YCP-86/60



YCP-104/80

Current ratio (A)	Capacity (VA)				Mandrel turns	Overall and mounting dimensions (mm)
	class 3.0	class 1.0	class 0.5	class 0.2		
800/5		15	5	1		
1000/5		15	5	1		
1200/5		30	5	1		
1500/5		30	10	1		
1600/5		30	10	1		
2000/5		30	10	1		



YCP-104/100

800/5		15	5	1	
1000/5		15	5	1	
1200/5		15	5	1	
1500/5		20	5	1	
1600/5		20	10	1	
2000/5		30	15	1	
2500/5		30	15	1	
3000/5		*30	*15	1	

\* Long term use of 100% rated primary current, order has to be specified

### Overview

MR series current transformer is a low cost of transformer which wrapped with insulating tape, with six specifications, widely used in southeast Asian countries.

### Feature

1. According to customers' requirements, it can be installed with or without feet, terminal cover.
2. Economic.
3. A current from 30A to 5000A.

### Technical parameters

Rated frequency	50/60Hz
Withstand voltage	AC3kV (1min)
The rated thermal current	60In
Current action	2.5Ith
The rated voltage	AC0.72kV
overload	1.2In
Working temperature range	-10°C~50°C
Flame retardant grade	V0
Instrument security coefficient	FS 5
The secondary current	5A, 1A

Other parameters, please contact us.

### Standards

IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006.



MR-28

Current ratio (A)	Load(VA)		Case pack	Overall and mounting dimensions (mm)
	Precision:0.5	Precision:1.0		
50/5	-	1.5	50	
60/5	-	1.5	50	
75/5	-	1.5	50	
100/5	1.5	2.5	50	

	Current ratio (A)	Load(VA)		Case pack	Overall and mounting dimensions (mm)
		Precision:0.5	Precision:1.0		
 MR-42	100/5	1.5	2.5	40	
	150/5	1.5	2.5	40	
	200/5	2.5	5	40	
	250/5	3.75	5	40	
	300/5	3.75	5	40	
 MR-45	250/5	3.75	5	50	
	300/5	5	7.5	50	
	400/5	5	7.5	50	
 MR-60	300/5	3.75	5	54	
	400/5	5	7.5	32	
	500/5	5	10	40	
	600/5	7.5	10	40	
	800/5	7.5	10	54	
 MR-85	600/5	5	10	30	
	800/5	7.5	10	30	
	1000/5	10	15	30	
	1200/5	10	15	30	
	1500/5	10	15	30	
 MR-125	1600/5	10	15	30	
	2000/5	15	20	10	
	2500/5	15	20	10	
	3000/5	15	20	10	
	4000/5	20	30	10	
	5000/5	20	30	10	

**Overview**

Protection Current Transformer can work well under the current which many times more than the rated and it can also work under many times more than the rated measurement of transformer. When Protection Relays are powered by Protection Current Transformer, it must make sure that the Protection Relays are keeping their normal electrical characteristics under the several times more than rated current which maybe 5 times, 10 times, 20 times or more. Just as we know "constraints of security". So the choose of Protection Current Transformer involve security level and constraints of security. It needs check carefully about relay parameters and the cases of electric circuit such as relay load and aerial wire load.

**Feature**

1. Primary current from 60A to 5000A.
2. Protection class: 5P10, 10P5, 10P10.


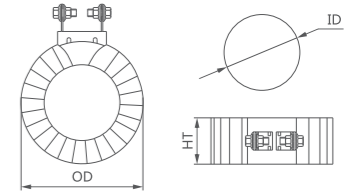
**Technical parameters**

Rated frequency	50/60Hz
Withstand voltage	AC3kv(1min)
Rated thermal current	60In
Dynamic current	2.5Ith
Rated voltage	AC0.72kv
Overload	1.2In
Operating Temperature Range	-10°C~50°C
Accurate limiting coefficient	5,10,20
Secondary current	5A,1A

If you need other technical parameters, we can special make for you.

**Standards**

IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006.

	Model	Current ratio (A)	Load (VA)	Size			Overall and mounting dimensions (mm)
				ID	OD	HT	
 PR 10P5	PR-34 10P5	60/5	15	34	100	148	
	PR-34 10P5	100/5	15	34	100	98	
	PR-34 10P5	150/5	15	34	100	68	
	PR-34 10P5	200/5	15	34	100	58	
	PR-45 10P5	250/5	15	45	96	68	
	PR-45 10P5	300/5	15	45	96	58	
	PR-60 10P5	400/5	15	60	100	58	
	PR-60 10P5	500/5	15	60	100	48	
	PR-65 10P5	600/5	15	65	100	48	
	PR-85 10P5	800/5	15	85	120	38	



PR 5P10

Model	Current ratio (A)	Load (VA)	Size			Overall and mounting dimensions (mm)
			ID	OD	HT	
PR-34 5P10	60/5	15	30	145	155	
PR-34 5P10	100/5	15	34	100	168	
PR-34 5P10	150/5	15	34	100	108	
PR-34 5P10	200/5	15	34	100	88	
PR-45 5P10	250/5	15	45	96	108	
PR-45 5P10	300/5	15	45	96	98	
PR-60 5P10	400/5	15	60	100	98	
PR-60 5P10	500/5	15	60	100	83	
PR-68 5P10	600/5	15	68	110	68	
PR-85 5P10	800/5	15	85	120	63	
PR-82 5P10	1000/5	15	82	123	55	
PR-82 5P10	1200/5	15	82	123	55	
PR-82 5P10	1600/5	15	82	123	45	
PR-125 5P10	2000/5	15	125	178	35	
PR-125 5P10	2500/5	15	125	178	35	
PR-120 5P10	3000/5	15	120	178	35	
PR-140 5P10	3500/5	15	140	200	35	
PR-140 5P10	4000/5	15	140	200	35	
PR-140 5P10	5000/5	15	140	200	35	



Overview

DP Series Separate Current Transformer is specially designed to facilitate installation and install in power grid system. It can be installed without disconnecting the cable or busbar, which could save time and maintenance costs.

Standards: IEC44-1, BS7626, VDE0414, UL94.

DP series is an improved version of DP series. The specially designed terminals make easier installation, more convenient connection. The shell material is PPO instead of PA66, which has better heat resistance and flame retardant performance.

Specification

Rated frequency	50/60Hz
Withstand voltage	3kV AC. (1 min)
Rated thermal current	60 In
Dynamic stability current	2.5 Ith
Rated voltage	0.72kV AC.
Overload	1.2 In
Working temperature range	-10°C~50°C
Shell flame retardant grade	V 0
Instrument security coefficient	FS 5
Secondary current	5A, 1A

For other parameters, please contact us

Standards

IEC44-1, BS7626, VDE0414, UL94.



PR 10P10

PR-34 10P10	60/5	15	30	145	165	
PR-34 10P10	100/5	15	34	100	180	
PR-34 10P10	150/5	15	34	100	130	
PR-34 10P10	200/5	15	34	100	110	
PR-45 10P10	250/5	15	45	96	110	
PR-45 10P10	300/5	15	45	96	110	
PR-60 10P10	400/5	15	45	96	90	
PR-60 10P10	500/5	15	60	100	100	
PR-68 10P10	600/5	15	68	110	78	
PR-85 10P10	800/5	15	85	120	78	
PR-82 10P10	1000/5	15	82	123	70	
PR-82 10P10	1200/5	15	82	123	70	
PR-82 10P10	1600/5	15	82	123	60	
PR-125 10P10	2000/5	15	125	178	38	
PR-125 10P10	2500/5	15	125	178	35	
PR-120 10P10	3000/5	15	120	178	35	
PR-140 10P10	3500/5	15	140	200	35	
PR-140 10P10	4000/5	15	140	200	35	
PR-140 10P10	5000/5	15	140	200	35	

Type	Current ratio (A)	Load(VA)		QTY per carton	Overall and mounting dimensions (mm)
		Precision: 0.5	Precision: 1.0		
DP-23	200/5	-	1.5	20	
DP-23	250/5	-	2.5	20	
DP-23	300/5	1.5	2.5	20	
DP-23	400/5	2.5	3.75	20	

DP-58	250/5	-	1.5	10	
DP-58	300/5	-	2.5	10	
DP-58	400/5	1.5	2.5	10	
DP-58	500/5	2.5	5	10	
DP-58	600/5	2.5	5	10	
DP-58	750/5	2.5	5	10	
DP-58	800/5	3.75	5	10	
DP-58	1000/5	5	10	10	



Standards



Type	Current ratio (A)	Load(VA)		QTY per carton	Overall and mounting dimensions (mm)
		Precision: 0.5	Precision: 1.0		
DP-88	250/5	-	1.5	10	
DP-88	300/5	-	1.5	10	
DP-88	400/5	-	2.5	10	
DP-88	500/5	1.5	2.5	10	
DP-88	600/5	2.5	5	10	
DP-88	750/5	2.5	5	10	
DP-88	800/5	3.75	5	10	
DP-88	1000/5	5	7.5	10	



DP-812	500/5	-	2.5	10	
DP-812	600/5	-	2.5	10	
DP-812	750/5	2.5	5	10	
DP-812	800/5	2.5	5	10	
DP-812	1000/5	3.75	7.5	10	
DP-812	1200/5	5	10	10	
DP-812	1250/5	5	10	10	
DP-812	1500/5	7.5	10	10	

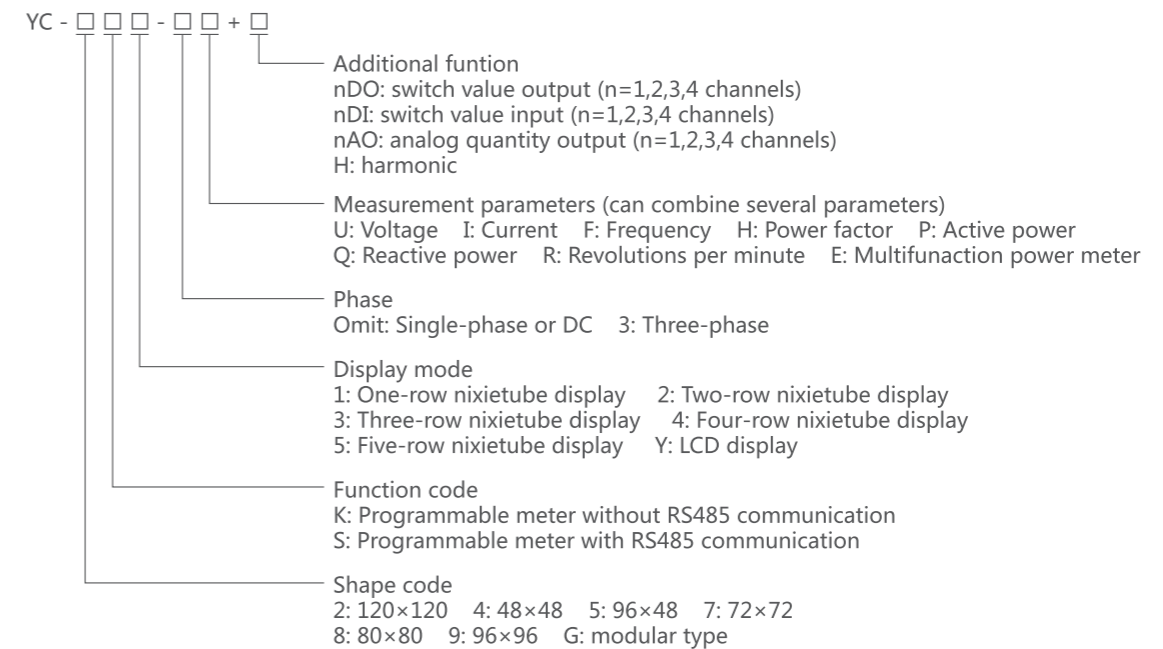


DP-816	1000/5	5	10	5	
DP-816	1500/5	7.5	10	5	
DP-816	2000/5	10	15	5	
DP-816	2500/5	15	20	5	
DP-816	3000/5	20	25	5	
DP-816	4000/5	20	25	5	
DP-816	5000/5	20	25	5	

General Technical Index

Technical parameters			Index
Input	Voltage	Rated value	AC 0~600V
		Over load	Consistent: 1.2 times instantaneous: 2 times/30s
		Consumption	<0.5VA (each phase)
	Current	Rated value	AC 1A, 5A
		Over load	Consistent: 1.2 times instantaneous: 2times/1s
		Impedance	<2mΩ
Frequency	45~65Hz		
Measuring accuracy	Voltage, current		±(0.5%FS+one digit)
	Active reactive power		±(0.5%FS+one digit)
	Frequency		±0.1Hz
	Harmonic		The three-phase voltage/current 21 total harmonic content
	Power factor		±0.01PF
	Active energy		±0.5%(only for reference, not for meterage)
	Reactive energy		±1.0%(only for reference, not for meterage)
Power	Scope	AC 220V, 50/60Hz AC/DC 85~265V .....	
	Consumption	<5VA	
Safety	Withstand voltage	Input and power	>2kV50Hz/1min
		Input and output	>1kV50Hz/1min
		Output and power	>2kV50Hz/1min
Insulating resistance		Any two of input, output, power, casing>20MΩ	
Environment	Temperature		Operation: -10~50°C Storage: -25~70°C
	Humidity		≤85%RH, free of wet and corrosive gas
	Elevation		≤3000m

Code and Implication



Digital AC/DC Ammeter



Model	Panel dimension	Cutout hole dimension
YC-2K1-I	120×120	112×112
YC-9K1-I	96×96	92×92
YC-8K1-I	80×80	76×76
YC-7K1-I	72×72	68×68
YC-4K1-I	48×48	45×45
YC-5K1-I	96×48	92×45

**Input:** AC 5A; DC 5A, 75mV, 0/4-20mA, 0-5/10V  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S1-I)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Digital AC/DC Voltmeter



Model	Panel dimension	Cutout hole dimension
YC-2K1-U	120×120	112×112
YC-9K1-U	96×96	92×92
YC-8K1-U	80×80	76×76
YC-7K1-U	72×72	68×68
YC-4K1-U	48×48	45×45
YC-5K1-U	96×48	92×45

**Input:** AC 0~600V; DC 0~600V, 0/4-20mA, 0-5/10V  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S1-U)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Digital Frequency Meter



Model	Panel dimension	Cutout hole dimension
YC-2K1-F	120×120	112×112
YC-9K1-F	96×96	92×92
YC-8K1-F	80×80	76×76
YC-7K1-F	72×72	68×68
YC-4K1-F	48×48	45×45
YC-5K1-F	96×48	92×45

**Input:** 30~99Hz(AC 30~500V); DC 0/4-20mA, 0-5/10V  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S1-F)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Single/Three-phase Digital Active Power Meter



Model	Panel dimension	Cutout hole dimension
YC-2K1-P/3P	120×120	112×112
YC-9K1-P/3P	96×96	92×92
YC-8K1-P/3P	80×80	76×76
YC-7K1-P/3P	72×72	68×68
YC-4K1-P/3P	48×48	45×45
YC-5K1-P/3P	96×48	92×45

**Input:** AC 0~500V, 5A  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S1-P/3P)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Single/Three-phase Digital Power Factor Meter



Model	Panel dimension	Cutout hole dimension
YC-2K1-H/3H	120×120	112×112
YC-9K1-H/3H	96×96	92×92
YC-8K1-H/3H	80×80	76×76
YC-7K1-H/3H	72×72	68×68
YC-4K1-H/3H	48×48	45×45
YC-5K1-H/3H	96×48	92×45

**Input:** AC 0~500V, 5A  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S1-H/3H)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Three-phase Digital Ammeter



Model	Panel dimension	Cutout hole dimension
YC-2K3-3I	120×120	112×112
YC-9K3-3I	96×96	92×92
YC-8K3-3I	80×80	76×76
YC-7K3-3I	72×72	68×68
YC-4K3-3I	48×48	45×45

**Input:** AC 5A, 1A;  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S3-3I)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Three-phase Digital Voltmeter



Model	Panel dimension	Cutout hole dimension
YC-2K3-3U	120×120	112×112
YC-9K3-3U	96×96	92×92
YC-8K3-3U	80×80	76×76
YC-7K3-3U	72×72	68×68
YC-4K3-3U	48×48	45×45

**Input:** AC 0~600V;  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S3-3U)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Single-phase Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-2K3-UIF	120×120	112×112
YC-9K3-UIF	96×96	92×92
YC-8K3-UIF	80×80	76×76
YC-7K3-UIF	72×72	68×68
YC-4K3-UIF	48×48	45×45

**Input:** AC 0~500V, 5A;  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S3-UIF)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Single-phase Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-2K3-UIP	120×120	112×112
YC-9K3-UIP	96×96	92×92
YC-8K3-UIP	80×80	76×76
YC-7K3-UIP	72×72	68×68
YC-4K3-UIP	48×48	45×45

**Input:** AC 0~500V, 5A;  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S3-UIP)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)

Single-phase Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-2K3-UIH	120×120	112×112
YC-9K3-UIH	96×96	92×92
YC-8K3-UIH	80×80	76×76
YC-7K3-UIH	72×72	68×68
YC-4K3-UIH	48×48	45×45

**Input:** AC 0~500V, 5A;  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional fuctions**  
 ▲ Communication interface: RS485 (YC-□S3-UIH)  
 ▲ 2-channels switch value output (model+2DO)  
 ▲ 1-channels analog quantity output (model+1AO)



Three-phase  
Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-9K5-3UIF	96×96	92×92

Can choose several addition functions  
For example:  
YC-9K5-3UIF+4DO4DI4AO  
YC-9S5-3UIF+4DO4DI4AO

**Input:** AC 0~500V, 5A;  
**Net work:** 3P4W or 3P3W  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional functions**  
▲ Communication interface: RS485 (YC-9S5-3UIF)  
▲ 4-channels switch value output (model+4DO)  
▲ 4-channels switch value input (model+4DI)  
▲ 4-channels analog quantity output (model+4AO)

Three-phase  
Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-9K5-3UIP	96×96	92×92

Can choose several addition functions  
For example:  
YC-9K5-3UIP+4DO4DI4AO  
YC-9S5-3UIP+4DO4DI4AO

**Input:** AC 0~500V, 5A;  
**Net work:** 3P4W or 3P3W  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional functions**  
▲ Communication interface: RS485 (YC-9S5-3UIP)  
▲ 4-channels switch value output (model+4DO)  
▲ 4-channels switch value input (model+4DI)  
▲ 4-channels analog quantity output (model+4AO)

Three-phase  
Digital Combined Meter



Model	Panel dimension	Cutout hole dimension
YC-9K5-3UIHF	96×96	92×92

Can choose several addition functions  
For example:  
YC-9K5-3UIHF+4DO4DI4AO  
YC-9S5-3UIHF+4DO4DI4AO

**Input:** AC 0~500V, 5A;  
**Net work:** 3P4W or 3P3W  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
**Additional functions**  
▲ Communication interface: RS485 (YC-9S5-3UIHF)  
▲ 4-channels switch value output (model+4DO)  
▲ 4-channels switch value input (model+4DI)  
▲ 4-channels analog quantity output (model+4AO)

Multifunctional  
Power Instrument



Model	Panel dimension	Cutout hole dimension
YC-2S3-3E	120×120	112×112
YC-9S3-3E	96×96	92×92
YC-8S3-3E	80×80	76×76
YC-7S3-3E	72×72	68×68

Can choose several addition functions  
For example: YC-9S3-3E+4DO4DI4AOH

**Input:** AC 0~500V, 5A;  
**Net work:** 3P4W or 3P3W  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
Communication interface: RS485  
**Additional functions**  
▲ 4-channels switch value output (model+4DO)  
▲ 4-channels switch value input (model+4DI)  
▲ 4-channels analog quantity output (model+4AO)  
▲ harmonic (model+H)

Multifunctional  
Power Instrument



Model	Panel dimension	Cutout hole dimension
YC-2SY-3E	120×120	112×112
YC-9SY-3E	96×96	92×92
YC-8SY-3E	80×80	76×76
YC-7SY-3E	72×72	68×68

Can choose several addition functions  
For example: YC-9SY-3E+4DO4DI4AOH

**Input:** AC 0~500V, 5A;  
**Net work:** 3P4W or 3P3W  
**Accuracy class:** 0.5  
**Auxiliary:** AC 220V 50/60Hz  
Communication interface: RS485  
**Additional functions**  
▲ 4-channels switch value output (model+4DO)  
▲ 4-channels switch value input (model+4DI)  
▲ 4-channels analog quantity output (model+4AO)  
▲ harmonic (model+H)

Brief introduction

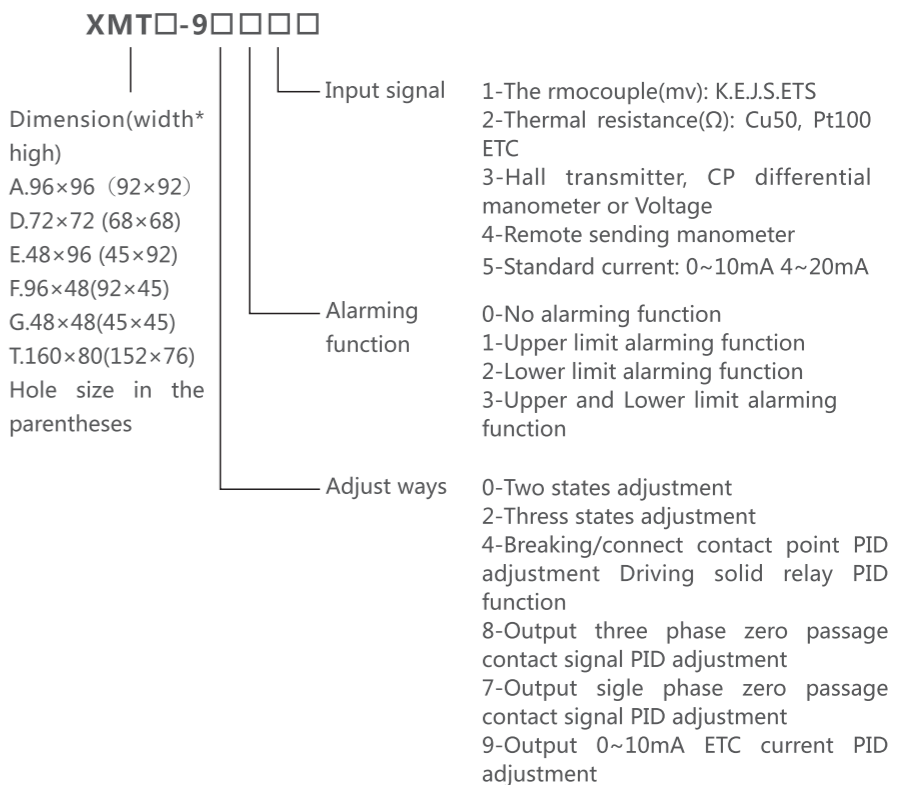
9□□□ series(REX series) intelligent digital display temperature controller adopted the latest plane touch operation and microcomputer control technique. Based on the principle of simpleness, convenience, stability and reliability, this series instruments has great adaptability to the market, and it complies with the international standard and has various installation size.

The series intelligent digital display temperature controller is a kind of economical instrument with high price-property ratio, which can substitute for the general digital display temperature controller. It has many functions such as control, alarm, transformation and transfer. Moreover, It has PID control function.

Characteristic

1. Display PV value and SV value by nd green the high bright red a double-row digital tube.
2. Appointed input by sensing signal.
3. Automatic amend by sensing unit.
4. Function of second class data lock protection.
5. Precise measurement:
  - 1)±1%FS±one digit
  - 2)±0.5%FS±one digit
6. Alarm range: free set the complete range
7. Operating power supply:
  - 1)switch power: 85-264 VAC 50/60Hz
  - 2)Transformer power supply: AC220V±10%, 50/60Hz

Code and Implication



XMTA



XMTD



XMTE



XMTG

**Brief introduction**

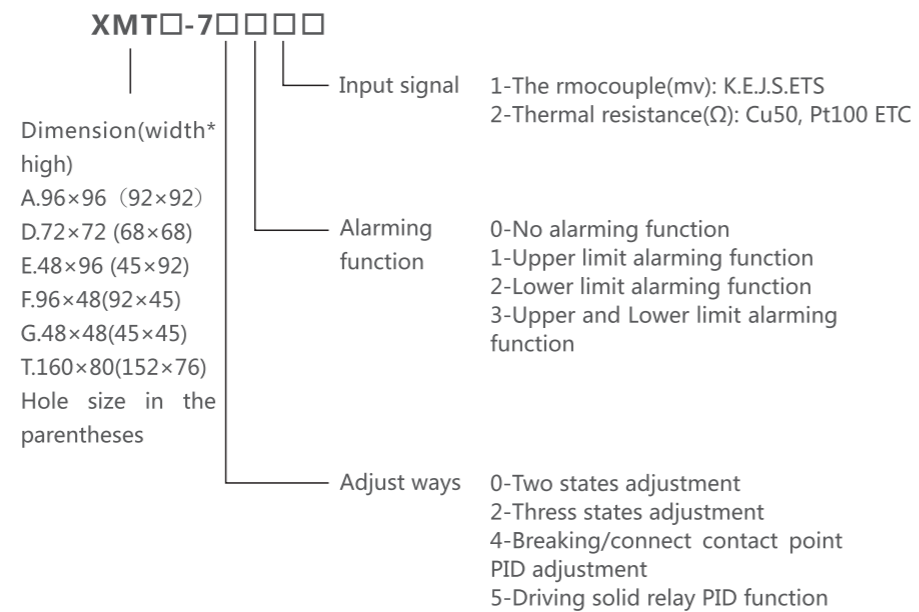
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The series intelligent digital display temperature controller is a kind of economical instrument with high price-property ratio, which can substitute for the general digital display temperature controller. It has many functions such as control, alarm, transformation and transfer. Moreover, It has PID control function.

**Characteristic**

1. Display PV value and SV value by red and green the high bright red a double-row digital tube.
2. Appointed input by sensing signal.
3. Automatic amend by sensing unit.
4. Function of second class data lock protection.
5. Precise measurement:
  - 1)±1%FS±one digit
  - 2)±0.5%FS±one digit
6. Alarm range: free set the complete range
7. Operating power supply:
  - 1)switch power: 85-264 VAC 50/60Hz
  - 2)Transformer power supply: AC220V±10%, 50/60Hz

**Code and Implication**



XMTA



XMTD



XMTE



XMTG

**Introduction**



YC-902



YC-903



YC-905



SC-3



YC-48



YC-48D



YC-C4



YC5C2



YC966



YC965



YC726



YC725



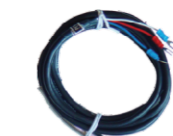
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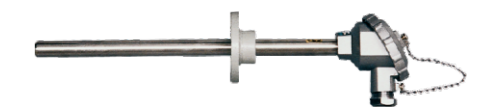
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WRNT-02



WRN-130



WRN-330