

DESCRIPTION

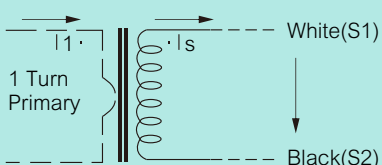
FEATURE

- Protection class 5P10, 5P20
- Primary current 100A~6000A
- Safe, easy to install, portable
- Wide range of sizes to accommodate all the existing installations
- Wide inner window, allowing clamping of big cables or bus-bars
- Standard: EN60044-1, VDE0414-44-1, IEC60044-1, IEC61869-2

APPLICATION

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air-condition equipment and automation-control system.
- Current, power and energy monitoring device.
- Relay protection device.

Circuit connection diagram



PX-series A range of ring type tape wrapped current transformers can be applied to test, control, display and record the running of the electrical equipment, and to protect the equipment against the damage, in the AC circuit with the rated voltage value below 720V and the frequency of 50 - 60Hz. The product can be also applied to form a complete set of mine transformer. High accuracy protection level, larger capacity. The products comply with: VDE 0414, BS 7626, IEC 60044-1 and tested IEC 61869-2 standard.



TECHNICAL SPECIFICATION

Electrical Parameter

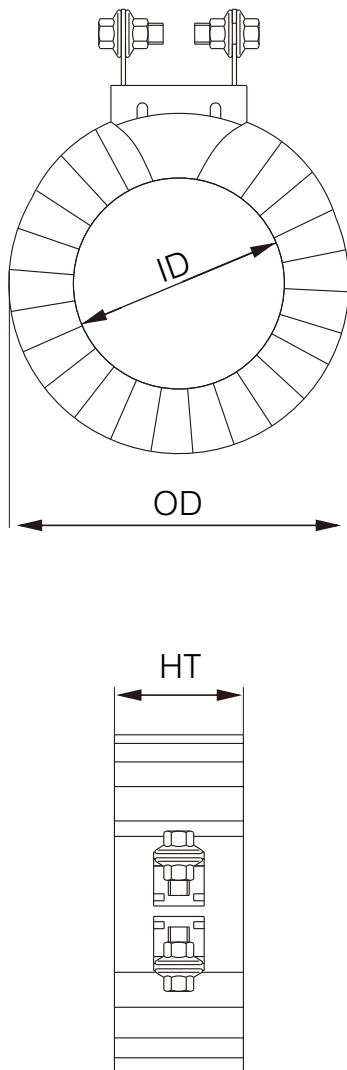
Primary current	100A to 6000A
Secondary current	1A, 5A
Rated burden	7.5VA to 20VA
Accuracy class	5P10, 5P20
System voltage	0.72kV r.m.s. maximum
Operating frequency	50Hz - 60Hz
Rated insulation level	3kV r.m.s. 50Hz/1min.
Insulation class	B (130°C max.)

Mechanical Parameter

Coil Structure	Toroidal
Insulating Medium	Common Insulating Materials
Mounting modes	Big cables or Busbar Type
Connection	Two connection on each side. Screws with self lifting clamp strap for all type
Housing self-extinguishing class	V0
Operating temperature	-10°C ...+55°C
Storage temperature	-50°C...+80°C
Humidity	<95% RH (non condensing)
Applicable standard	IEC/EN 60044-1, IEC/EN 61869-2



MODEL AND DIMENSION



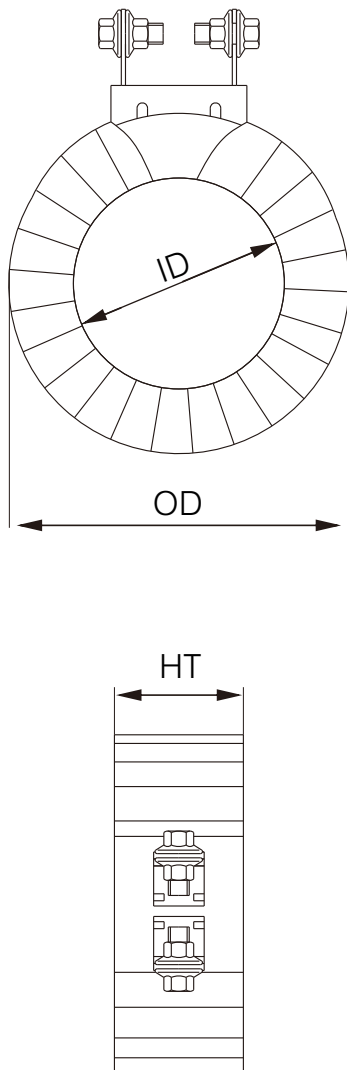
Secondary /5A

Class 5P10	Model	Ratio (A)	Burden (VA)	Dimension		
				ID	OD	HT
Secondary /5A	PX-40	100/5A	2.5	40	140	80
	PX-40	150/5A	2.5	40	140	80
	PX-40	200/5A	5	40	140	80
	PX-40	300/5A	5	40	140	80
	PX-45	200/5A	5	45	85	60
	PX-45	250/5A	5	45	85	60
	PX-45	300/5A	5	45	85	65
	PX-45	400/5A	5	45	85	65
	PX-60	300/5A	5	60	95	80
	PX-60	400/5A	5	60	95	75
	PX-60	500/5A	5	60	95	65
	PX-60	800/5A	5	60	95	65
	PX-85	600/5A	10	85	125	95
	PX-85	800/5A	10	85	125	95
	PX-85	1000/5A	10	85	125	90
	PX-85	1200/5A	15	85	125	90
	PX-85	1600/5A	15	85	125	85
	PX-110	1000/5A	10	110	150	95
	PX-110	1500/5A	15	110	150	95
	PX-110	1600/5A	15	110	150	95
	PX-110	2000/5A	20	110	150	95
	PX-110	2500/5A	20	110	150	85
	PX-110	3000/5A	20	110	150	85
	PX-125	2000/5A	20	125	165	95
	PX-125	2500/5A	20	125	165	95
	PX-125	3000/5A	20	125	165	90
	PX-125	4000/5A	20	125	165	85
	PX-150	2000/5A	20	150	190	95
	PX-150	2500/5A	20	150	190	95
	PX-150	3000/5A	20	150	190	90
	PX-150	4000/5A	20	150	190	85
	PX-185	2000/5A	20	185	225	30
	PX-185	2500/5A	20	185	225	30
	PX-185	3000/5A	20	185	225	30
	PX-185	4000/5A	20	185	225	30

* Dimensions unit in mm.

** Choice of sizes to customer specification on request.

MODEL AND DIMENSION



Class 5P20

Model

**Ratio
(A)**

**Burden
(VA)**

Dimension

ID

OD

HT

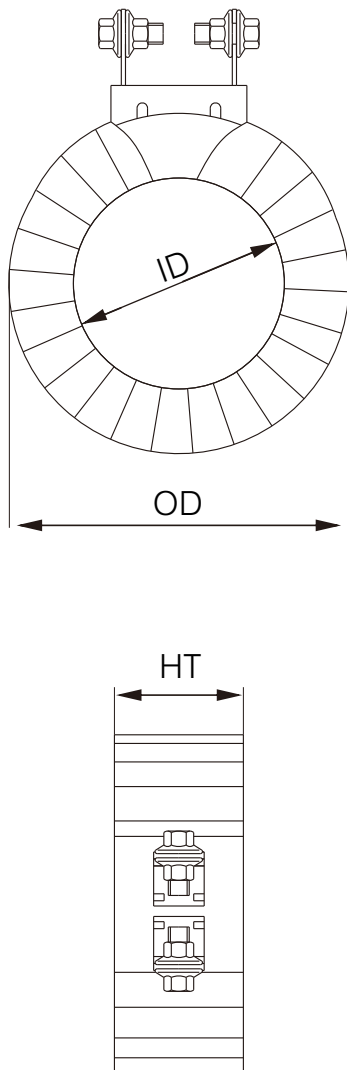
Secondary /5A

PX-40	100/5A	2.5	40	140	80
PX-40	150/5A	2.5	40	140	80
PX-40	200/5A	5	40	140	80
PX-40	300/5A	5	40	140	80
PX-45	200/5A	5	45	85	60
PX-45	250/5A	5	45	85	60
PX-45	300/5A	5	45	85	65
PX-45	400/5A	5	45	85	65
PX-60	300/5A	5	60	95	80
PX-60	400/5A	5	60	95	75
PX-60	500/5A	5	60	95	65
PX-60	800/5A	5	60	95	65
PX-85	600/5A	10	85	125	95
PX-85	800/5A	10	85	125	95
PX-85	1000/5A	10	85	125	90
PX-85	1200/5A	15	85	125	90
PX-85	1600/5A	15	85	125	85
PX-110	1000/5A	10	110	150	95
PX-110	1500/5A	15	110	150	95
PX-110	1600/5A	15	110	150	95
PX-110	2000/5A	20	110	150	95
PX-110	2500/5A	20	110	150	85
PX-110	3000/5A	20	110	150	85
PX-125	2000/5A	20	125	165	95
PX-125	2500/5A	20	125	165	95
PX-125	3000/5A	20	125	165	90
PX-125	4000/5A	20	125	165	85
PX-150	2000/5A	20	150	190	95
PX-150	2500/5A	20	150	190	95
PX-150	3000/5A	20	150	190	90
PX-150	4000/5A	20	150	190	85
PX-185	2000/5A	20	185	225	30
PX-185	2500/5A	20	185	225	30
PX-185	3000/5A	20	185	225	30
PX-185	4000/5A	20	185	225	30

* Dimensions unit in mm.

** Choice of sizes to customer specification on request.

MODEL AND DIMENSION



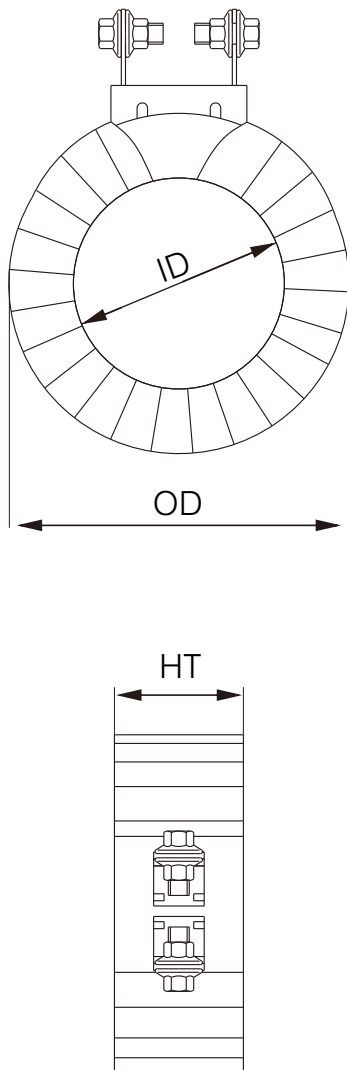
Secondary /1A

Class 10P10	Model	Ratio (A)	Burden (VA)	Dimension		
				ID	OD	HT
Secondary /1A	PX-40	100/1A	2.5	40	140	80
	PX-40	150/1A	2.5	40	140	80
	PX-40	200/1A	5	40	140	80
	PX-40	300/1A	5	40	140	80
	PX-45	200/1A	5	45	85	60
	PX-45	250/1A	5	45	85	60
	PX-45	300/1A	5	45	85	65
	PX-45	400/1A	5	45	85	65
	PX-60	300/1A	5	60	95	80
	PX-60	400/1A	5	60	95	75
	PX-60	500/1A	5	60	95	65
	PX-60	800/1A	5	60	95	65
	PX-85	600/1A	10	85	125	95
	PX-85	800/1A	10	85	125	95
	PX-85	1000/1A	10	85	125	90
	PX-85	1200/1A	10	85	125	90
	PX-85	1600/1A	10	85	125	85
	PX-110	1000/1A	10	110	150	95
	PX-110	1500/1A	10	110	150	95
	PX-110	1600/1A	10	110	150	95
	PX-110	2000/1A	10	110	150	95
	PX-110	2500/1A	10	110	150	85
	PX-110	3000/1A	10	110	150	85
	PX-125	2000/1A	10	125	165	95
	PX-125	2500/1A	10	125	165	95
	PX-125	3000/1A	10	125	165	90
	PX-125	4000/1A	10	125	165	85
	PX-150	2000/1A	10	150	190	95
	PX-150	2500/1A	10	150	190	95
	PX-150	3000/1A	10	150	190	90
	PX-150	4000/1A	10	150	190	85
	PX-220	2000/1A	10	220	280	50
	PX-220	2500/1A	10	220	280	50
	PX-220	3000/1A	10	220	280	50
	PX-220	4000/1A	10	220	280	50
	PX-220	6000/1A	10	220	280	50

* Dimensions unit in mm.

** Choice of sizes to customer specification on request.

MODEL AND DIMENSION



Secondary /1A

Class 5P20	Model	Ratio (A)	Burden (VA)	Dimension		
				ID	OD	HT
Secondary /1A	PX-40	100/1A	2.5	40	140	80
	PX-40	150/1A	2.5	40	140	80
	PX-40	200/1A	5	40	140	80
	PX-40	300/1A	5	40	140	80
	PX-45	200/1A	5	45	85	60
	PX-45	250/1A	5	45	85	60
	PX-45	300/1A	5	45	85	65
	PX-45	400/1A	5	45	85	65
	PX-60	300/1A	5	60	95	80
	PX-60	400/1A	5	60	95	75
	PX-60	500/1A	5	60	95	65
	PX-60	800/1A	5	60	95	65
	PX-85	600/1A	10	85	125	95
	PX-85	800/1A	10	85	125	95
	PX-85	1000/1A	10	85	125	90
	PX-85	1200/1A	10	85	125	90
	PX-85	1600/1A	10	85	125	85
	PX-110	1000/1A	10	110	150	95
	PX-110	1500/1A	10	110	150	95
	PX-110	1600/1A	10	110	150	95
	PX-110	2000/1A	10	110	150	95
	PX-110	2500/1A	10	110	150	85
	PX-110	3000/1A	10	110	150	85
	PX-125	2000/1A	10	125	165	95
	PX-125	2500/1A	10	125	165	95
	PX-125	3000/1A	10	125	165	90
	PX-125	4000/1A	10	125	165	85
	PX-150	2000/1A	10	150	190	95
	PX-150	2500/1A	10	150	190	95
	PX-150	3000/1A	10	150	190	90
	PX-150	4000/1A	10	150	190	85
	PX-220	2000/1A	10	220	280	50
	PX-220	2500/1A	10	220	280	50
	PX-220	3000/1A	10	220	280	50
	PX-220	4000/1A	10	220	280	50
	PX-220	6000/1A	10	220	280	50

* Dimensions unit in mm.

** Choice of sizes to customer specification on request.



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