

Product Introduction

FPT Series low-voltage protection class current transformers are mainly suitable for relay protection circuits where multiple busbars pass through.

This product is developed for the protection system to detect short-circuit faults. It has different accuracy levels and accuracy limit coefficients. It can be expanded to different perforation sizes and is widely used in low-voltage power distribution protection systems.

Standard

IEC61869-2, EN60044-1, VDE0414-44-1, GB1208-2006

Product features

shell is made of flame-retardant, 140 temperature-resistant imported polycarbonate injection molding.

The core is wound from oriented cold-rolled silicon steel strip.

The secondary conductor is high-strength electromagnetic enameled wire.

The product structure is novel, beautiful in appearance, easy to install, small in size, light in weight, high in accuracy, and large in capacity.

Application

It is used to collect low-voltage overload and short-circuit signals, and is used with protection relays.

The primary measurement range is 200-6300A, and the secondary output is 5A, 1A.

Collect low-voltage overload and short-circuit signals, which can be used in conjunction with the motor protection unit.

Used in places where there is no direct rain or snow, no serious pollution and severe vibration.

Product Parameter

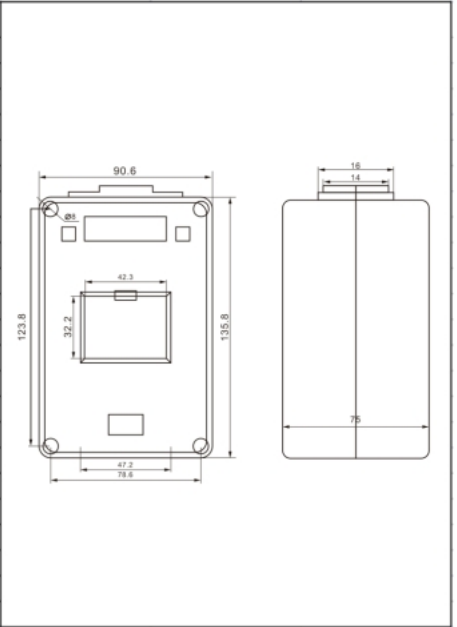
primary current	200-6300A	Rated voltage	AC0.66kV
secondary current	5A, 1A, 0.1A, 0.05A	Ambient temperature	-30℃~70℃
Power frequency withstand voltage	3000V/1min 50Hz		

FPT Series



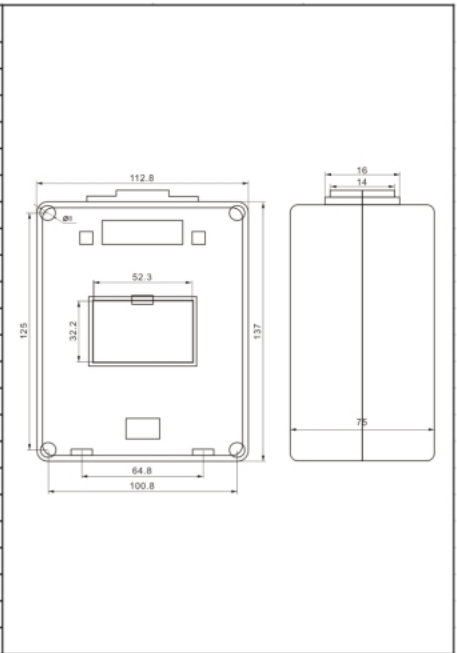
FPT-40

HPT-40			
Bus type/numbers	40X10/1-2		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
150/5A	2.5	-	-
200/5A	2.5	-	-
250/5A	2.5	-	-
300/5A	2.5	2.5	-
400/5A	3.75	2.5	-
500/5A	5	2.5	2.5
600/5A	5	2.5	2.5
750/5A	-	5	2.5
800/5A	-	5	2.5
100/1A	2.5	-	-
120/1A	2.5	-	-
150/1A	2.5	-	-
200/1A	5	2.5	2.5
250/1A	5	2.5	2.5
300/1A	5	2.5	2.5
400/1A	10	5	5
500/1A	10	5	5
600/1A	15	10	5
750/1A	15	10	10
800/1A	15	10	10



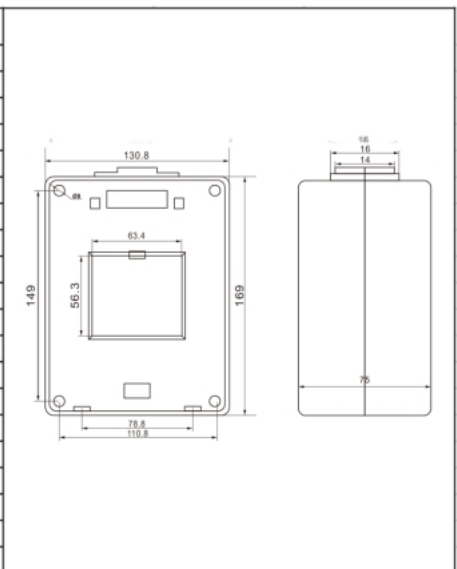
FPT-50

HPT-50			
Bus type/numbers	50X10/1-2		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
150/5A	2.5	-	-
200/5A	2.5	-	-
250/5A	2.5	-	-
300/5A	2.5	2.5	-
400/5A	3.8	2.5	-
500/5A	5	2.5	2.5
600/5A	5	2.5	2.5
750/5A	-	5	2.5
800/5A	-	5	2.5
100/1A	2.5	-	-
120/1A	2.5	-	-
150/1A	2.5	-	-
200/1A	5	2.5	2.5
250/1A	5	2.5	2.5
300/1A	5	2.5	2.5
400/1A	10	5	5
500/1A	10	5	5
600/1A	15	10	5
750/1A	15	10	10
800/1A	15	10	10



FPT-60

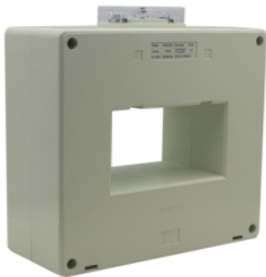
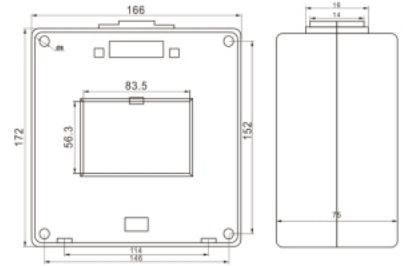
HPT-60			
Bus type/numbers	60X10/1-2		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
200/5A	2.5	2.5	-
250/5A	2.5	2.5	2.5
300/5A	2.5	2.5	2.5
400/5A	5	2.5	2.5
500/5A	5	5	2.5
600/5A	5	5	2.5
750/5A	10	5	5
800/5A	10	5	5
1000/5A	10	7.5	5
1200/5A	15	7.5	5
1500/5A	15	10	5
200/1A	5	2.5	2.5
250/1A	5	2.5	2.5
300/1A	5	2.5	2.5
400/1A	10	5	5
500/1A	10	5	5
600/1A	15	10	5



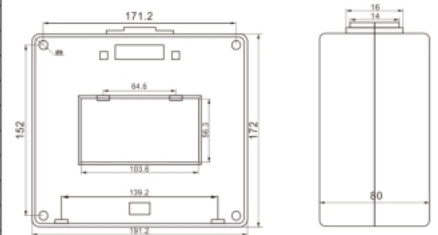

FPT-80

HPT-60			
750/1A	15	10	10
800/1A	15	10	10
1000/1A	15	10	5
1200/1A	20	10	5
1500/1A	25	15	10

HPT-80			
Bus type/numbers	80X10/1-2		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
300/5A	2.5	-	-
400/5A	5	2.5	2.5
500/5A	5	5	2.5
600/5A	5	5	2.5
750/5A	10	5	5
800/5A	10	5	5
1000/5A	15	7.5	5
1200/5A	15	7.5	5
1500/5A	15	10	5
2000/5A	15	10	5
300/1A	5	-	-
400/1A	10	5	-
500/1A	10	5	5
600/1A	15	10	5
750/1A	15	10	5
800/1A	15	10	5
1000/1A	20	10	5
1200/1A	20	10	5
1500/1A	20	10	5
2000/1A	20	10	5

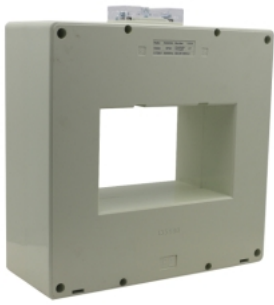

FPT-100

HPT-100			
Bus type/numbers	100X10/1-2		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
400/5A	5	2.5	2.5
500/5A	5	5	2.5
600/5A	10	5	2.5
750/5A	10	5	5
800/5A	10	5	5
1000/5A	10	7.5	5
1200/5A	15	7.5	5
1500/5A	15	10	5
2000/5A	15	10	5
2500/5A	15	10	5
3000/5A	15	10	5
300/1A	5	5	2.5
400/1A	10	5	5
500/1A	10	10	5
600/1A	15	10	7.5
750/1A	15	15	10
800/1A	15	15	10
1000/1A	20	15	10
1200/1A	20	15	10
1500/1A	25	15	10
2000/1A	30	20	15
2500/1A	20	10	7.5
3000/1A	20	10	7.5



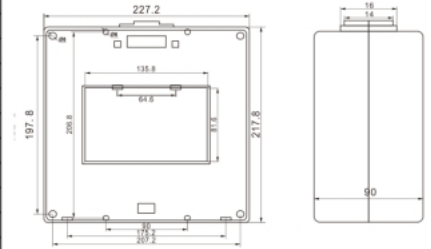
HPT-135			
Bus type/numbers	130X10/2-3		
Accuracy : 5P/10P	10	15	20
P/S(A)	Capacity		
750/5A	10	5	5
800/5A	10	5	5
1000/5A	10	7.5	5
1200/5A	15	7.5	5
1500/5A	15	10	5

FPT Series



FPT-135

HPT-135			
2000/5A	15	10	5
2500/5A	15	10	5
3000/5A	15	10	5
4000/5A	15	10	5
5000/5A	15	10	5
750/1A	20	15	10
800/1A	20	15	10
1000/1A	20	20	10
1200/1A	30	25	15
1500/1A	30	15	10
2000/1A	30	20	15
2500/1A	30	25	20
3000/1A	30	15	7.5
4000/1A	30	20	10
5000/1A	30	25	10



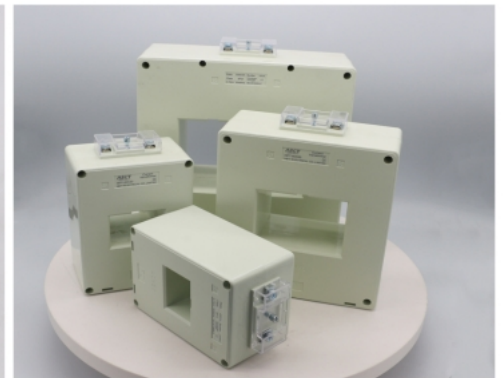
Details



Laser marking label

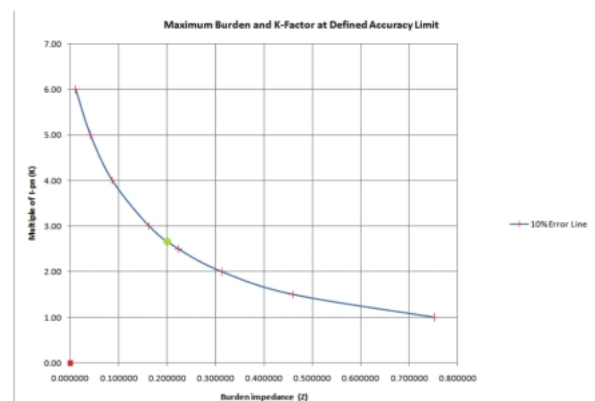
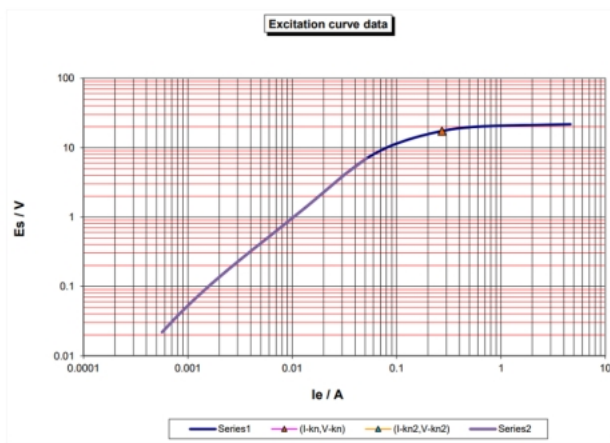


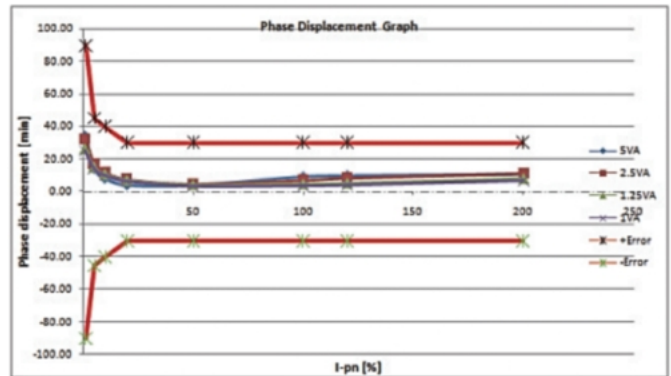
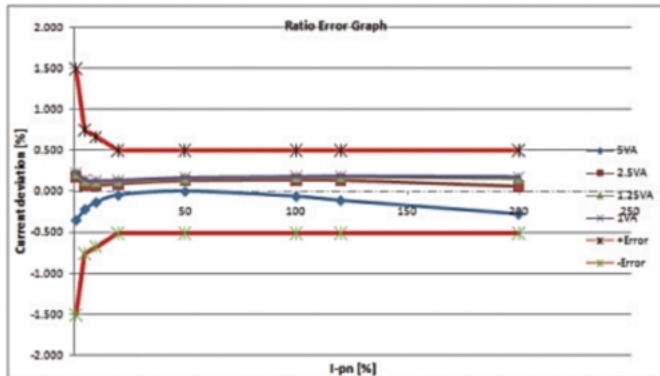
Rust-proof processing nut



Variety of styles

Accuracy class characteristics





Installation

