

Power Factor Transducer



Model No.

KTH - □ □ □ □ □ □ □ □
 ① ② ③ ④ ⑤ ⑥

How to order) KTH-B4361S
 3P4W / 380/√3V 5A/ 4~20mA/
 AC 90~260V/1Output

How to order) KTH-U1261S
 1P2W/220V 5A/4~20mA/AC
 90~60V/1Output

① Classification

- B** Balance
- U** Unbalance

② AC input		③ VoltageCurrent		④ DC Output(LEAD~LAG)	
Circuit					
1	1P2W	1	110V/5A	6	4~12~20mA
		2	220V/5A	7	0~0.5~1mA
		0	Order-made	8	-5~0~+5V
2	1P3W	1	220/110V/5A	9	-1~0~+1V
		0	Order-made	0	Order-made
3	3P3W	1	110V/5A	⑤ Aux. power	
		2	220V/5A	2 AC 90~260V, DC 110V	
		0	Order-made	⑥ Number of outputs	
4	3P4W	1	(190/√3)V/5A	S 1 Output	
		2	(208/√3)V/5A	T 2 Output(unbalance only)	
		3	(380/√3)V/5A		
		0	Order-made		

Specification

Class	Unbalance (0.5), balance (3.0)	Withstand voltage	AC 2kV / 1 min
Aux. power	Refer to the table above	Surge impulse	Voltage(1.2μs/ 50μs, 5kV) Current(8μs/20μs)
Operating temperature	-10~50°C	Max allowable current	A-200% 10sec, 120% continuous
Operating humidity	20 ~ 85%	Max allowable Voltage	V-150% 10sec, 120% continuous
Insulation resistance	More than 10MΩ	Weight	1140g(LL Ty)

Input

Range	-0.5~1~0.5(LEAD~LAG)
Circuit	1P2W, 1P3W, 3P3W, 3P4W
Voltage	110, 220, 190/√3, 208/√3, 380/√3V
Current	5A

Load resistance by output

DC	Load resistance
4~12~20mA	0~500Ω
0~0.5~1mA	0~10kΩ
-5~0~+5V	More than 200Ω
-1~0~+1V	More than 500Ω

Connection diagram

Refer to page 161-162

Input/Output signal

