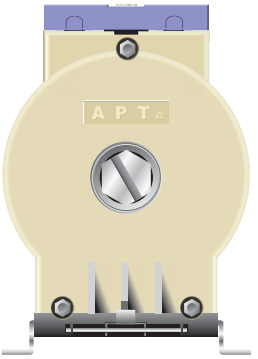
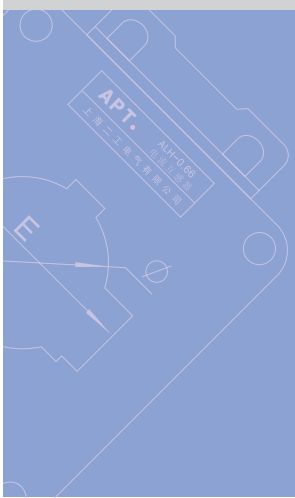
APT

ALH-0.66 series

Current Transformer





APT

ALH-0.66 series

Current Transformer

Catalogue

ALH-0.66 series current transformer

ALH-0.66 series current transformer

Instroduction

ALH-0.66 I series current transformer,its housing is formed by PC.

Ronud hole type,can pass through bar bus,also pass through multiple cables.

P1,P2 mark for primary wiring;

S1,S2 mark for relevant second wiring.

S1 indicate same name end of P1

S2 indicate same name end of P2

Model

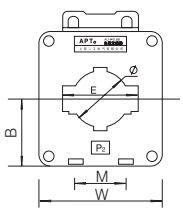
ALH-0.66 □ I □ □

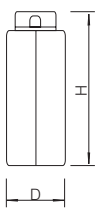
- Mounting method
- Current ratio
- Auxiliary specification
- Specification
- Rated voltage (660V)
- Enterprise code

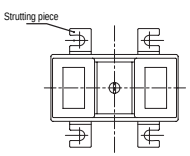
Spec.& size

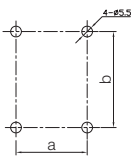
Unit : mm

Size / Type	Outline size				Through size		Mounting size	Mounting method (refernce to page 9)							
								A		B		C	D	E	
	W	H	D	B	E	Ø	M	a	b	a	b	/	/	/	
30I	59	78	30	33	30.5	23	31	32.4	50	32.4	44	/		/	
30I-I	59	80	45	33.5	30.5	23	31	32.4	58.6	32.4	44	/		/	
40I	75	97	44	41	42	30.5	45	45	59	44	59		/	/	
60I	102	126	46	55	61.5	45	62	/	/	63.3	59		/	/	
80I	118	138	45	61	81.5	52	60	/	/	61	59		/		
100I	147	162	45	73	101.5	62	80	/	/	84	59		/		









Technical data

1. Primary current: 50--3000A; second current: 5A,1A
2. Rating operational voil: AC660V
3. Rated frequency: 50--60Hz
4. Ambinet air temperature is -30℃ -- +70℃ ;heat resist: 120 ℃
5. The altitude is less than 3000M
6. Power frequency withstand voltage 3000V/1 min 50Hz
7. Grade of insulation : E

Cross-reference tables of spec. -parameter

Specification		30I		30I-I		40I		60I		80I		100I	
Bus spec/number		30 ×10 / 1		30 ×10 / 1		40 ×10 / 1		60 ×10 / 1 60 ×6 / 2		80 ×10 / 1 60 ×6 / 2		100 ×10 / 1 80 ×10 / 2	
Precision degree		0.5	1	0.5	1	0.5	1	0.2	0.5	0.2	0.5	0.2	0.5
Rated current ratio	Straight-through turns	Rated capacity(VA)											
15/5	5				2.5		2.5						
20/5	4				2.5		2.5						
25/5	3				2.5		2.5						
30/5	3				2.5		2.5						
40/5	2				2.5		2.5						
50/5	2				2.5		2.5						
60/5	2				2.5		2.5						
75/5	1				2.5		2.5						
100/5	1		2.5	2.5	5		2.5						
150/5	1	2.5		2.5	5	2.5			2.5				
200/5	1	5		5	10	5			5				
250/5	1	5		5	10	5			5		2.5		
300/5	1	5		5	10	5			5		5		
400/5	1	5		5	10	5			5		5		
500/5	1					10			10		10		
600/5	1					10			10		10		10
750/5	1					10			10		10		10
800/5	1					10			10		10		10
1000/5	1							15		15		15	
1200/5	1							20		20		20	
1500/5	1							20		20		20	
2000/5	1							40		40		40	
2500/5	1									40		40	
3000/5	1											40	
5/1	3				0.1								
10/1	2				0.1								
15/1	1				0.1								
20/1	1				0.1								
25/1	1				0.1								
30/1	1		0.1	0.1	0.2	0.1							
40/1	1		0.1	0.1	0.4	0.1							
50/1	1	0.2		0.2	0.4	0.2							
60/1	1	0.2		0.2	1	0.2							
75/1	1	0.2		0.2	1	0.2			0.2				
100/1	1	0.2		0.2	2.5	0.2			0.2		0.2		0.2
150/1	1	2.5		2.5	5	2.5			2.5		2.5		1
200/1	1	5		5	10	5			5		5		5
250/1	1	5		5	10	5			5		5		5
300/1	1	5		5	10	5			5		5		5
400/1	1					10			10		10		10
500/1	1					10			10		10		10
600/1	1					10			10		10		10
750/1	1					10			10		10		10
800/1	1					10			10		10		10
1000/1	1					10			10		10		10
1500/1	1							20		20		20	
2000/1	1							20		20		20	
2500/1	1											20	
3000/1	1											20	

ALH-0.66 series current transformer

Instroduction

ALH-0.66 II series current transformer,its housing is formed by PC.

Rectangle hole type,mainly pass through bar bus,also pass through multiple cables(6 max).

P1,P2 mark for primary wiring;

S1,S2 mark for relevant second wiring.

S1 indicate same name end of P1

S2 indicate same name end of P2

Model

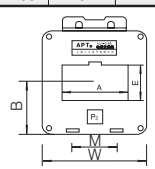
ALH-0.66 □ II □ □

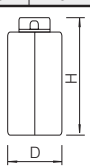
- Mounting method
- Current ratio
- Auxiliary specification
- Specification
- Rated voltage (660V)
- Enterprise code

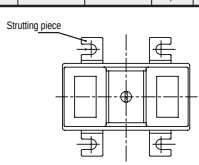
Spec.& size

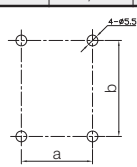
Unit : mm

Size / Type	Outline size				Through size		Mounting size	Mounting method (refernce to page 9)				
								B		C	D	E
	W	H	D	B	A	E	M	a	b	/	/	/
30II	60.5	101.5	44	43	34	26	30	30	58	/		/
40II	75	105	45	45	42	32	45	45	58	/		/
50II	87	105	45	49	52	32	30	31	59	/		/
60II	98	116	45	50	62	32	42	/	/		/	
80II	118	120	45	53	82	32	60	/	/		/	
100II	140	130	49	57	102	32	80	/	/		/	
130II	176	133	46	59	136	36	33 40 33	/	/		/	
180II	225	133	48	59	182	37	45 45 45	/	/		/	
200II	244	133	50	59	204	35	50 50 50	/	/		/	
60 × 50II	100	141	46	63	62	52	42	/	/		/	
80 × 50II	120	141	46	63	82	52	60	/	/		/	
100 × 50II	142	150	49	67	102	53	80	/	/		/	
120 × 50II	167	151	49	69	122	53	80	/	/		/	
220 × 50II	280	190	60	87	225	55	65 55 65	/	/		/	
170 × 100II	257	220	60	102	172	105	45 75 40	/	/		/	









Technical data

1. Primary current: 50--10000A; second current: 5A,1A
2. Rating operational voil: AC660V
3. Rated frequency: 50--60Hz
4. Ambinet air temperature is -30℃ -- +70℃ ;heat resist: 120℃
5. The altitude is less than 3000M
6. Power frequency withstand voltage 3000V/1 min 50Hz
7. Grade of insulation : E

Cross-reference tables of spec. -parameter

Speci-fication	30II		40II		50II		60II		60×50 II		80II		80×50 II		100II		100×50 II		120×50 II		130II		180II		200II		220×50 II		170×100 II	
Bus spec/ number	30×10 / 1-2		40×10 / 1-2		50×10 / 1-2		60×10 / 1-2		40 × 10 / 2-3		80×10 / 1-2		80×10 / 2-3		100×10 / 2		100×10 / 2-3		120×10 / 1-3		130×10 / 1-2 60×10 / 2-4		180 × 10 / 1-2		200×10 / 1-2 100×10 / 2-4		220×10 / 2-3		120×10 / 1-3 100×10 / 3-6	
Precision degree	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5
Rated current ratio	Rated capacity(VA)																													
75/5																														
100/5		2.5		2.5																										
150/5		2.5		2.5		2.5		2.5				2.5																		
200/5		5		5		5		5				2.5				2.5														
250/5		5		5		5		5				5				2.5														
300/5		5		5		5		5		5		5				2.5														
400/5		5		5		5		5		5		5		5		5														
500/5		10		10		10		10		10		10		10		10														
600/5		10		10		10		10		10		10		10		10		10												
750/5		10		10		10		10		10		10		10		10		10												
800/5				10		10		10		10		10		10		10		10												
1000/5			15		15		15		15		15		15		15		15		15		15									
1200/5			20		20		20		20		20		20		20		20		20		20									
1500/5			20		20		20		20		20		20		20		20		20		20		20		20		20		20	
2000/5					20		40		40		40		40		40		40		40		40		40		40		40		40	
2500/5							40		40		40		40		40		40		40		40		40		40		40		40	
3000/5											40		40		40		40		40		40		40		40		40		40	
4000/5													40		40		40		40		40		40		40		40		40	
5000/5																			40		40		40		40		40		40	
6000/5																									40		40		40	
8000/5																											40		40	
10000/5																											40		40	
40/1		0.1		0.1																										
50/1		0.2		0.2																										
60/1		0.2		0.2		0.2																								
75/1		0.2		0.2		0.2		0.2																						
100/1		0.2		0.2		0.2		0.2				0.2																		
150/1		2.5		2.5		2.5		2.5				1				1														
200/1		5		5		5		5				2.5				2.5														
250/1		5		5		5		5				2.5				2.5				1										
300/1		5		5		5		5		5		5		5		5				2.5										
400/1		10		10		10		10		10		10		10		10		10		5										
500/1		10		10		10		10		10		10		10		10		10		10										
600/1		10		10		10		10		10		10		10		10		10		10										
750/1		10		10		10		10		10		10		10		10		10		10										
800/1				10		10		10		10		10		10		10		10		10										
1000/1				10		10		10		10		10		10		10		10		10										
1200/1						10	20		20		20		20		20		20		20		20									
1500/1							20		20		20		20		20		20		20		20		20		20		20		20	
2000/1											20		20		20		20		20		20		20		20		20		20	
2500/1															20		20		20		20		20		20		20		20	
3000/1															20		20		20		20		20		20		20		20	
4000/1																			20		20		20		20		20		20	
5000/1																									20		20		20	

ALH-0.66 series current transformer

Instroduction

ALH-0.66 III series current transformer,its housing is formed by PC.

Rectangle hole type,mainly pass through bar bus.

P1,P2 mark for primary wiring;

S1,S2 mark for relevant second wiring.

S1 indicate same name end of P1

S2 indicate same name end of P2

Model

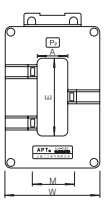
ALH -0.66 □ III □ □

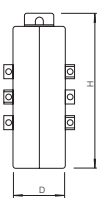
- Mounting method
- Current ratio
- Auxiliary specification
- Specification
- Rated voltage (660V)
- Enterprise code

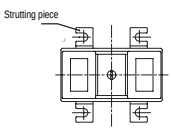
Spec.& size

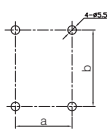
Unit mm

Size / Type	Outline size			Through size			Mounting size	Mounting method (refernce to page 9)		
	W	H	D	A	E	∅	M	A		J
								a	b	
20III	72	76	36	11	21	21	40	41.8	50	
30III	73	98	50	12	32	26	40	41.8	63.6	
50III	75	120	56	16	52	/	/	/	/	
60III	100	145	55	32	62	/	/	/	/	
80III	100	164	55	32	82	/	/	/	/	
100III	100	196	55	32	102	/	/	/	/	
120III	125	221	55	52	122	/	/	/	/	
130III	125	221	55	56	132	/	/	/	/	









Technical data

1. Primary current: 75--5000A; second current: 5A,1A
2. Rating operational voil: AC660V
3. Rated frequency: 50--60Hz
4. Ambinet air temperature is -30℃ -- +70℃ ;heat resist: 120
5. The altitude is less than 3000M
6. Power frequency withstand voltage 3000V/1 min 50Hz
7. Grade of insulation : E

Cross-reference tables of spec. -parameter

Specification	20III		30III		50III		60III		80III		100III		120III		130III	
Bus spec/number	20 x 10/1		30 x 10/1		50 x 10/1		60 x 10/1-2		80 x 10/1-2		100 x 10/1-2		120 x 10/1-3		130 x 10/1-3	
Precision degree	0.5	1	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5
Rated current ratio	Rated capacity(VA)															
75/5		2.5														
100/5		2.5		2.5												
150/5	2.5		2.5	2.5												
200/5	5		2.5	5												
250/5			2.5	5												
300/5			5	10												
400/5			10	10	10	10	10	10								
500/5			10	10	10	10	10	10								
600/5			10	10	10	10	10	10	10	10						
750/5					10	10	10	10	10	10						
800/5					10	10	10	10	10	10	10	10	10	10		
1000/5					15	20	15	15	15		15		15			
1200/5							20	20	20		20		20		20	
1500/5							20	20	20		20		20		20	
2000/5							40	40	40		40		40		40	
2500/5								40	40		40		40		40	
3000/5									40		40		40		40	
4000/5											40		40		40	
5000/5											40		40		40	
100/1	0.2			0.2												
150/1	2.5			2.5		2.5										
200/1	5			5		5										
250/1				5		5		5								
300/1				5		5		5								
400/1				10		10		10		10		10		5		
500/1				10		10		10		10		10		10		
600/1				10		10		10		10		10		10		
750/1						10		10		10		10		10		
800/1						10		10		10		10		10		
1000/1						10		10		10		10		10		
1200/1						15	20		20		20		20		20	
1500/1						20	20		20		20		20		20	
2000/1							20		20		20		20		20	
2500/1									20		20		20		20	
3000/1											20		20		20	
4000/1											20		20		20	
5000/1											20		20		20	

ALH-0.66 series current transformer

Instroduction

M, ⌀ type is a wiring mode,M----primary wiring is screw wiring; ⌀ ---- cable pass through round mounting hole directly,diameter size in⌀ 8,⌀12,⌀15,⌀22

M8-I

Ø8-I Ø15-I

M8-II

Ø8-II Ø15-II

Ø12 Ø22

Model

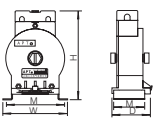
ALH -0.66 M(Ø) □ □ □

- Mounting method
- Current ratio
- Mounting mehtod (M--wiring , Ø cable pass through directly)
- Specification
- Rated voltage (660V)
- Enterprise code

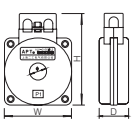
Spec.& size

Unit mm

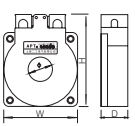
Size / Type	Outline size			Through size	Mounting size	Mounting method (reference to page 9)
	W	H	D	Ø	M	
M8-I	74	101	44	/	65 35	F.G.I
Ø8-I	74	101	44	8	65 35	F.G
Ø15-I	74	101	44	15	65 35	F.G
M8-II	67	86	24	/	70	H.I
Ø12	67	86	24	12	70	H
Ø22	67	86	24	22	70	H
Ø8-II	59	82	26	8	70	/
Ø15-II	59	82	26	15	70	/



M8-I Ø8-I Ø15-I



Ø8-II Ø15-II



M8-II Ø12 Ø22

Technical data

1. Primary current: 5--800A; second current: 5A,1A
2. Rating operational voil: AC660V
3. Rated frequency: 50--60Hz
4. Ambinet air temperature is -30℃ -- +70℃ ;heat resist: 120
5. The altitude is less than 3000M
6. Power frequency withstand voltage 3000V/1 min 50Hz
7. Grade of insulation : E

Cross-reference tables of spec. -parameter

Specification	M8-I		M8-II		Ø8-I	Ø8-II	Ø12		Ø15-I	Ø15-II	Ø22	
Precision degree	0.5	1	0.5	1	1	1	0.5	1	1	1	0.5	1
Rated current ratio	Rated capacity(VA)											
5/5		2.5		2.5								
10/5		2.5		2.5								
15/5		2.5		2.5								
20/5		2.5		2.5								
25/5		2.5		2.5								
30/5		2.5		2.5								
40/5		2.5		2.5								
50/5		2.5		2.5								
60/5		2.5		2.5								
75/5		2.5		2.5	2.5	2.5		2.5	2.5	2.5		2.5
100/5		2.5		2.5	2.5	2.5		2.5	2.5	2.5		2.5
150/5	2.5		2.5		2.5	2.5	2.5	2.5	2.5	2.5		2.5
200/5					5	5	2.5	5	5	5		5
250/5					5	5	2.5	5	5	5		5
300/5					5	5	2.5	5	5			5
400/5							2.5	5	5			5
500/5							5		10			10
600/5									10			10
750/5												10
800/5												10
5/1	0.4		0.4									
10/1	0.4		0.4									
15/1	0.4		0.4									
20/1	0.4		0.4		0.1	0.1		0.1	0.1	0.1		0.1
25/1	0.4		0.4		0.1	0.1		0.1	0.1	0.1		0.1
30/1	0.4		0.4		0.1	0.1	0.1		0.1	0.1	0.1	
40/1	0.4		0.4		0.1	0.1	0.1		0.1	0.1	0.1	
50/1	0.4		0.4		0.2	0.2	0.2		0.2	0.2	0.2	
60/1	0.4		0.4		0.2	0.2	0.2		0.2	0.2	0.2	
75/1	0.4		0.4		0.2	0.2	0.2		0.2	0.2	0.2	
100/1	0.4		0.4		0.2	0.2	0.2		0.2	0.2	0.2	
150/1					2.5	2.5	2.5		2.5	2.5	2.5	
200/1					5	5	5		5	5	5	
250/1							5		5		5	
300/1							5		5		5	
400/1							10		10		10	
500/1									10		10	
600/1									10		10	

Mounting Method

A.Fixed by short bend piece

B.Fixed by long straight piece

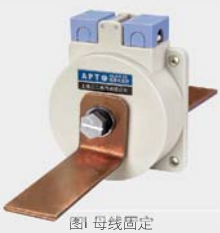
C.Fixed by single press pan(straight piece)

D.Fixed by single press pan(bend piece)

E.Fixed by double press pan

F.Fixed by guide rail

图H 固定板固定



图I 母线固定

图J 母线固定

互感器安装使用注意事项

1. 电流互感器二次绕组严禁开路，否则将产生高电压危及设备和人身安全。
2. 电流互感器二次侧应有一端可靠接地，以防止一二次间绝缘击穿。
3. 严格按照铭牌上额定功率、额定变比、准确度等级使用电流互感器。
4. 电流互感器一次绕组和被测线路串联，二次绕组和电测仪表串联，且接线时必须注意电流互感器的极性。
5. 二次回路连接导线应采用电阻小的绝缘线，且中间应无接头。
6. 二次绕组回路中所串入仪表的阻抗不应超过有关技术标准的规定。
7. 应避免继电保护和电能计量用电流互感器并用。

订货须知

1、注明互感器的型号、规格、电流比、准确度等级和二次额定容量。

2、注明安装方式。(如不注明，本公司按自己规定提供)

3、特殊规格可定制。

继电器
(Relay ZY/DY)

万能转换开关
(Universal changeover switches)

Ø22按钮与指示灯
(Ø22pushbuttons pilot lights)

Ø16按钮与指示灯
(Ø16 pushbuttons & indicators)

微动开关
(Micro-gap switches)

警示灯 (Tower lawps)

控制箱
(Control Box)

数字电测表(Appearance)