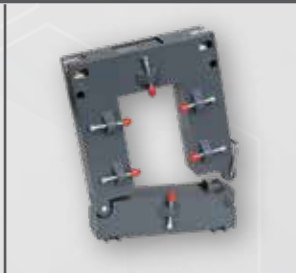





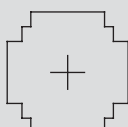

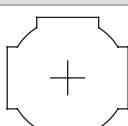



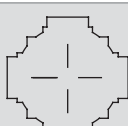
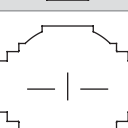

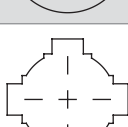



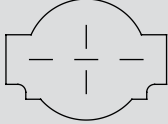

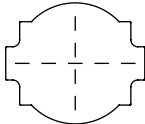

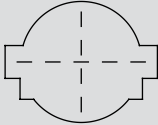

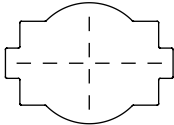

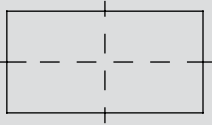

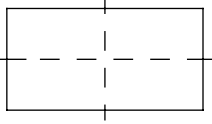

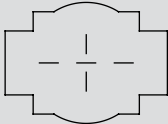

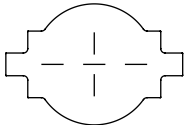

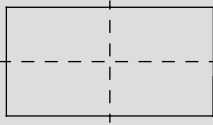

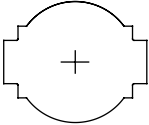

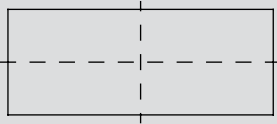

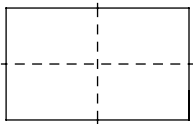
LV CURRENT
LV VOLTAGE
TRANSFORMERS



LV CURRENT TRANSFORMERS

	Type	Dimensions		Page
	ASB	Primary Conductor : – Round Conductor : – Transformer Width : 81,5 mm		04
	ADK300	Primary Conductor : – Round Conductor : – Transformer Width : 60 mm		05
	ADK400	Primary Conductor : – Round Conductor : – Transformer Width : 70 mm		06
	ADG20	Primary Conductor : – Round Conductor : Ø22,5 mm Transformer Width : 60 mm		07
	ADK2010	Primary Conductor : 20 x 10 mm Round Conductor : Ø19,2 mm Transformer Width : 60 mm		08
	ADK2110	Primary Conductor : 20 x 10 mm Round Conductor : Ø20 mm Transformer Width : 70 mm		09
	3ADK200 3ADK300	Primary Conductor : 20 x 5 - 30 x 10 mm Round Conductor : Ø18 - Ø 22 mm Transformer Width : 115 - 150 mm		10
	ADK3010	Primary Conductor : 30 x 10 mm Round Conductor : Ø26 mm Transformer Width : 60 mm		11
	ADK3012	Primary Conductor : 30 x 10 mm Round Conductor : Ø26 mm Transformer Width : 70 mm		12
	ADB30	Primary Conductor : 30 x 10 mm Round Conductor : Ø26 mm Transformer Width : 81 mm		13
	ADB40	Primary Conductor : 40 x 10 mm Round Conductor : Ø30 mm Transformer Width : 81 mm		14
	ADK4010	Primary Conductor : 40 x 10 mm Round Conductor : Ø32 mm Transformer Width : 70 mm		15

LV CURRENT TRANSFORMERS

	Type	Dimensions		Page
	ADK4012	Primary Conductor : 40 x 10 mm Round Conductor : Ø30,5 mm Transformer Width : 70 mm		16
	ADK5012	Primary Conductor : 50 x 10 mm Round Conductor : Ø44 mm Transformer Width : 85 mm		17
	A50	Primary Conductor : 50 x 10 mm Round Conductor : Ø40 mm Transformer Width : 91 mm		18
	ADK6010	Primary Conductor : 60 x 10 mm Round Conductor : Ø44 mm Transformer Width : 100 mm		19
	ADK6030	Primary Conductor : 60 x 30 mm Round Conductor : Ø30 mm Transformer Width : 88 mm		20
	ADS62	Primary Conductor : 60 x 30 mm Round Conductor : Ø30 mm Transformer Width : 82 mm		21
	ADB80	Primary Conductor : 80 x 30 mm Round Conductor : Ø60 mm Transformer Width : 141 mm		22
	ADK8010	Primary Conductor : 80 x 10 mm Round Conductor : Ø55 mm Transformer Width : 120,5 mm		23
	ADS100	Primary Conductor : 100 x 50 mm Round Conductor : Ø52 mm Transformer Width : 127 mm		24
	ADK10030	Primary Conductor : 100 x 30 mm Round Conductor : Ø85 mm Transformer Width : 136,5 mm		25
	ADK10040	Primary Conductor : 100 x 40 mm Round Conductor : Ø40 mm Transformer Width : 98,5 mm		26
	ADB120	Primary Conductor : 120 x 70 mm Round Conductor : Ø70 mm Transformer Width : 205 mm		27

LV CURRENT TRANSFORMERS

	Type	Dimensions		Page
	ADK12530	Primary Conductor : 125 x 30 mm Round Conductor : Ø35 mm Transformer Width : 100 mm		28
	ADB127	Primary Conductor : 125 x 125 mm Round Conductor : Ø120 mm Transformer Width : 205 mm		29
	ACK2030 ACK5080	Primary Conductor : 30 x 20 - 80 x 50 mm Round Conductor : Transformer Width : 93 - 125 mm		30
	ACK80120 ACK80160	Primary Conductor : 120 x 80 - 160 x 80 mm Round Conductor : Transformer Width : 155 - 195 mm		31
	TA2-1, TA3-1 SERIES			32-33
	VM-1			34
	VM-2			35
	VM-F			36
	3VM-1			37
	3VM-2			38
	3VM-F			39
	MKT			40

Instrument Transformers : An instrument transformer is a piece of electrical equipment which converts primary electrical values current or voltage-into comparable secondary values which are suitable for the devices to which it is connected. They are defined in two kinds;

Current transformers convert primary rated current to a proper current level (1A...5A) which can be used by metering or protection devices. They can have several secondary windings with magnetically separated cores of the same or different characteristics.

Limits of current error and phase displacement for measuring current transformers

As described IEC 61869-2;

For classes 0.1 – 0.2 – 0.5 and 1, the current error and phase displacement at rated frequency shall not exceed the values given in table when the secondary burden is any value from 25 % to 100 % of the rated burden.

For classes 0,2 S and 0,5 S the current error and phase displacement at the rated frequency shall not exceed the values given in table when the secondary burden is any value from 25 % and 100 % of the rated burden.

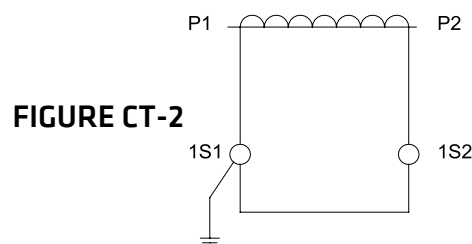
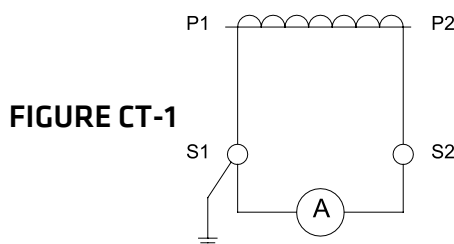
Limits of current error and phase displacement according to IEC 61869-2

Accuracy Class	± percentage of current error at percentage of rated current					± phase displacement in minutes at percentage of rated current				
	1	5	20	100	120	1	5	20	100	120
Measuring Current Transformers										
0,1	-	0,4	0,2	0,1	0,1	-	15	8	5	5
0,2S	0,75	0,35	0,2	0,2	0,2	30	15	10	10	10
0,2	-	0,75	0,35	0,2	0,2	-	30	15	10	10
0,5S	1,5	0,75	0,5	0,5	0,5	90	45	30	30	30
0,5	-	1,5	0,75	0,5	0,5	-	90	45	30	30
1	-	3	1,5	1	1	-	180	90	60	60
Protective Current Transformers										
5P	-	-	-	1	-	-	-	-	60	-
10P	-	-	-	3	-	-	-	-	-	-

1. When the secondary terminals are connected to the measuring or protection devices, one of the terminals should be earthed for safety as seen in **FIGURE CT-1**

2. The secondary circuit of a current transformer must not be operated open-circuited

3. The secondary winding of a current transformer which will not be used must always be short-circuited and earthed as seen in **FIGURE CT-2**

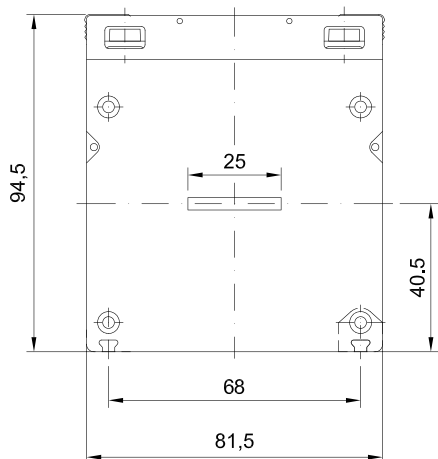
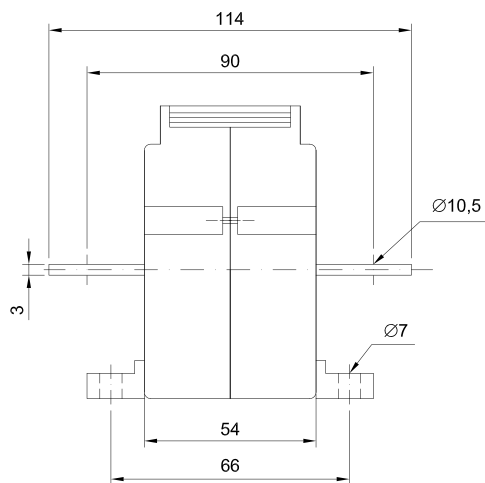


General technical specifications:

- Thermal nominal continuous rated current I_{cth} : $1.2 \times I_n$
- Thermal nominal short-time current I_{lth} : $60 \times I_n$, 1 sec.
- Maximum operating voltage U_m : 0.72/1,2 kV
- Isolation test voltage: 3/6 kV, U_{eff} , 50 Hz, 1 Min.
- Rated frequency: 50 /60 Hz
- Insulation class: E
- Degree of protection : IP20
- Storage temperature -25°C to $+40^\circ\text{C}$
- Standard rated secondary currents are 1A or 5A.
- Accuracy class 0.5; 0.5S; 1 and 3 are standard, 0.2 and 0.2S on request.
- Measuring cores are supplied with accuracy class 0.5; 0.5S; 1 and 3 as standard; 0.2 and 0.2S on request. The security factor can be FS5 or FS10.
- Additionally they can be supplied for protection devices with 5P or 10P accuracy class and higher over-current factor.



Primary conductor : –
 Round conductor : –
 Transformer width : 81,5 mm



TECHNICAL DATA

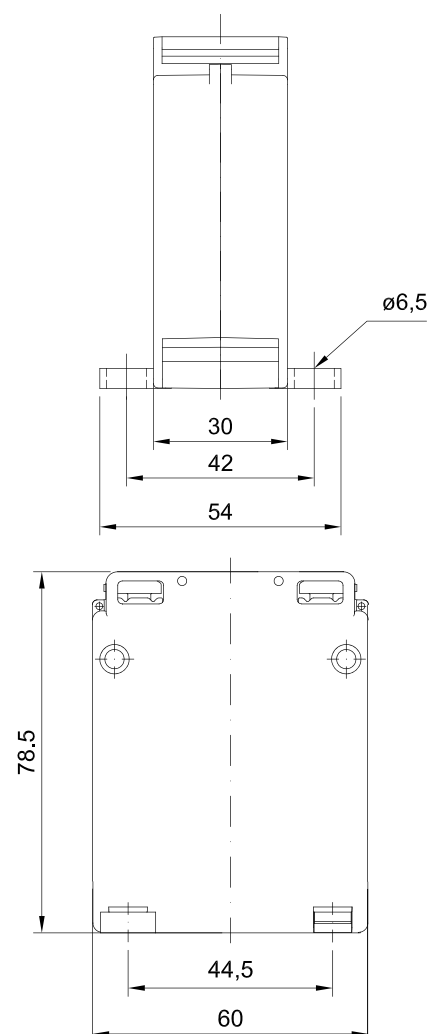
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
15	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
20	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
25	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
30	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
40	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
50	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
60	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
75	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
80	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
100	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
125	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
150	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
160	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X
200	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X

ADK300

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
2,5	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
5	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
10	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
15	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
20	2,5	✓	✓	✓	✓
	5	✓	X	✓	X



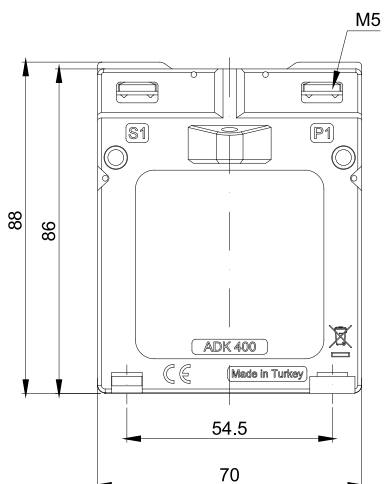
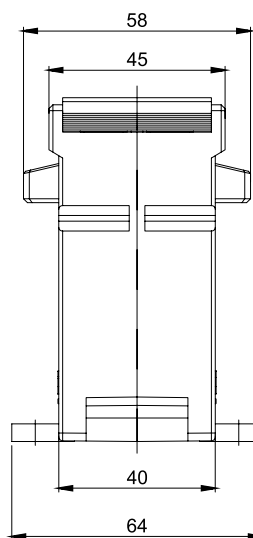
Primary conductor : -
 Round conductor : -
 Transformer width : 60 mm



ADK400



Primary conductor : -
 Round conductor : -
 Transformer width : 70 mm



TECHNICAL DATA

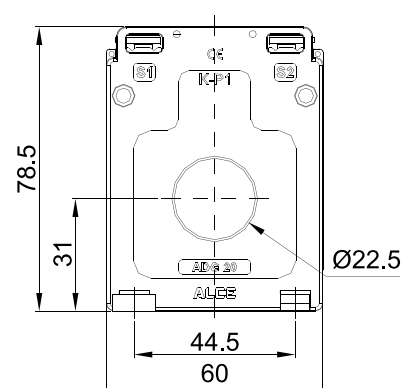
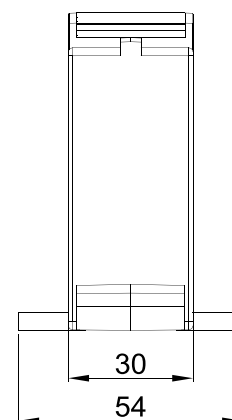
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
2,5	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
5	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
10	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
15	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
20	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
25	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
30	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓

ADG20

TECHNICAL DATA						
Secondary Current		5A			1A	
Primary Current A	Burden VA	Accuracy Class			Accuracy Class	
		1	0,5	0,2 S	1	0,5
40	1	✓	X	X	✓	X
50	1	✓	X	X	✓	X
	1,5	✓	X	X	✓	X
60	1	✓	X	X	✓	X
	1,5	✓	X	X	✓	X
75	1,5	✓	X	X	✓	X
	2,5	✓	X	X	✓	X
80	1,5	✓	X	X	✓	X
	2,5	✓	X	X	✓	X
100	1,5	✓	✓	✓	✓	✓
	2,5	✓	✓	X	✓	✓
	3,75	✓	X	X	✓	X
150	1,5	✓	✓	✓	✓	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	X	✓	✓
200	1,5	X	✓	X	X	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	X	X	✓	X
250	1,5	X	✓	X	X	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
300	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
400	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
500	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	✓	✓	✓
	15	✓	X	X	✓	X
600	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	✓	✓	✓
600	10	✓	✓	✓	✓	✓
	15	✓	X	X	✓	X



Primary conductor : –
 Round conductor : Ø22,5 mm
 Transformer width : 60 mm

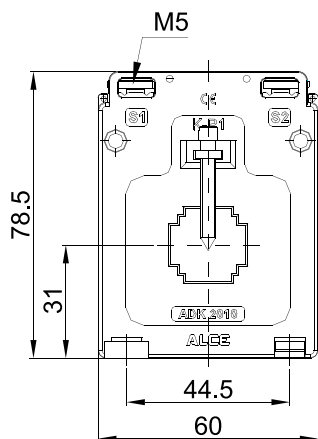
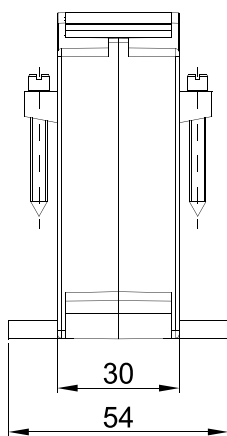


LV CURRENT TRANSFORMERS

ADK2010



Primary conductor : 20x10 mm
 Round conductor : Ø19,2 mm
 Transformer width : 60 mm



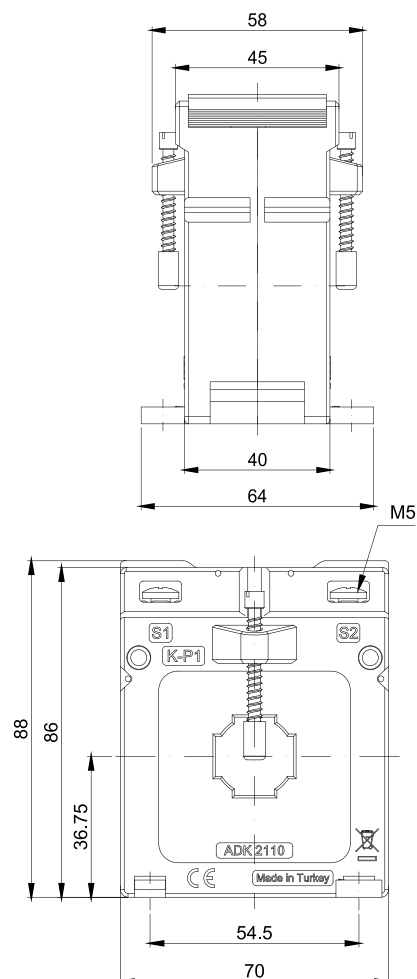
TECHNICAL DATA						
Secondary Current		5A			1A	
Primary Current A	Burden VA	Accuracy Class			Accuracy Class	
		1	0,5	0,2 S	1	0,5
40	1	✓	X	X	✓	X
50	1	✓	X	X	✓	X
	1,5	✓	X	X	✓	X
60	1	✓	X	X	✓	X
	1,5	✓	X	X	✓	X
75	1,5	✓	X	X	✓	X
	2,5	✓	X	X	✓	X
80	1,5	✓	X	X	✓	X
	2,5	✓	X	X	✓	X
100	1,5	✓	✓	X	✓	✓
	2,5	✓	✓	X	✓	✓
	5	✓	X	X	✓	X
150	1,5	✓	✓	✓	✓	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	X	✓	✓
200	1,5	X	✓	X	X	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	X	X	✓	X
250	1,5	X	✓	X	X	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
300	15	✓	X	X	✓	X
	2,5	✓	X	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
300	15	✓	X	X	✓	X
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
400	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
	2,5	✓	✓	✓	✓	✓
500	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
	2,5	✓	✓	✓	✓	✓
600	10	✓	✓	X	✓	✓
	15	✓	X	X	✓	X
	2,5	✓	✓	X	✓	✓

ADK2110

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
40	1,5	✓	X	✓	X
50	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
60	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
75	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
80	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
100	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
	10	✓	X	✓	X
125	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
150	2,5	X	✓	X	✓
	5	✓	✓	✓	✓
	10	X	✓	✓	X
200	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
250	15	✓	X	✓	X
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
300	15	✓	X	✓	X
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
400	15	✓	✓	✓	✓
	30	✓	X	✓	X
	5	✓	✓	✓	✓
500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	X	✓	X



Primary conductor : 20x10 mm
 Round conductor : Ø20 mm
 Transformer width : 70 mm

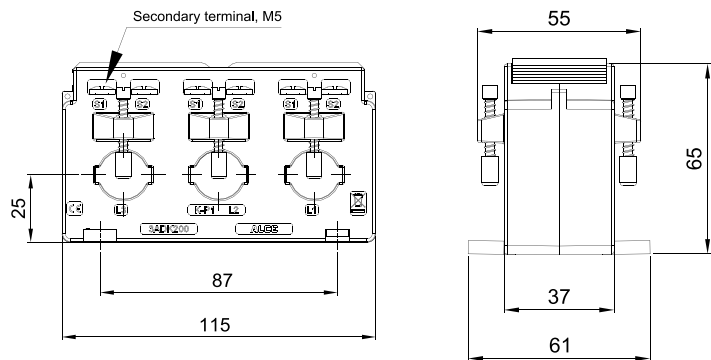


3ADK200



Primary conductor : 20x5 mm
 Round conductor : Ø18 mm
 Transformer width : 115 mm

TECHNICAL DATA			
Secondary Current		5A	1A
Primary Current A	Burden VA	Accuracy Class	
		1	1
100	1	✓	✓
150	1,25	✓	✓
160	1,5	✓	✓
200	1,5	✓	✓
250	2,5	✓	✓

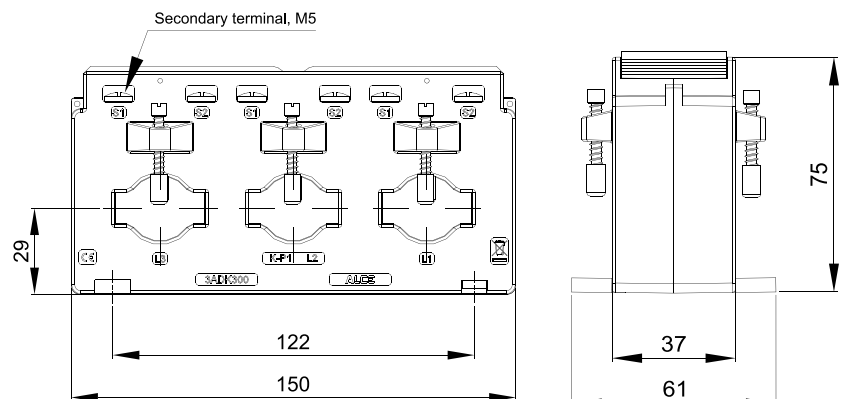


3ADK300



Primary conductor : 30x10 mm
 Round conductor : Ø22 mm
 Transformer width : 150 mm

TECHNICAL DATA			
Secondary Current		5A	1A
Primary Current A	Burden VA	Accuracy Class	
		1	1
250	2,5	✓	✓
300	3,75	✓	✓
400	5	✓	✓
500	5	✓	✓
600	5	✓	✓

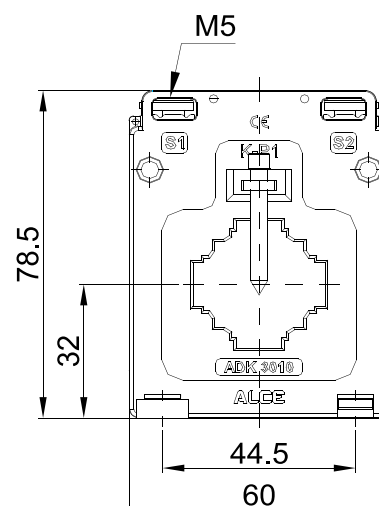
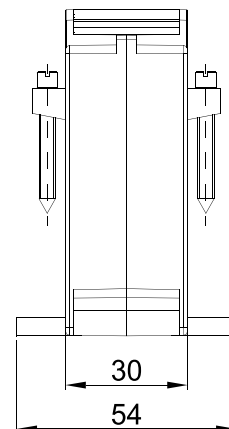


ADK3010

TECHNICAL DATA						
Secondary Current		5A			1A	
Primary Current A	Burden VA	Accuracy Class			Accuracy Class	
		1	0,5	0,2 S	1	0,5
50	1	✓	X	X	✓	X
60	1	✓	X	X	✓	X
75	1	✓	X	X	✓	X
	1,5	✓	X	X	✓	X
80	1,5	✓	X	X	✓	X
	2,5	✓	X	X	✓	X
100	1,5	✓	✓	X	✓	✓
	2,5	✓	✓	X	✓	✓
150	1,5	✓	✓	✓	✓	✓
	2,5	✓	✓	X	✓	✓
200	1,5	✓	✓	X	✓	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	X	✓	✓
250	1,5	X	✓	X	✓	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	X	X	✓	X
300	1,5	✓	✓	X	✓	✓
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	X	X	✓	✓
400	1,5	✓	X	X	✓	X
	2,5	✓	✓	✓	✓	✓
	5	✓	✓	X	✓	✓
	10	✓	✓	X	✓	✓
500	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
600	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓
	15	✓	✓	X	✓	✓
750	2,5	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓
	10	✓	✓	X	✓	✓



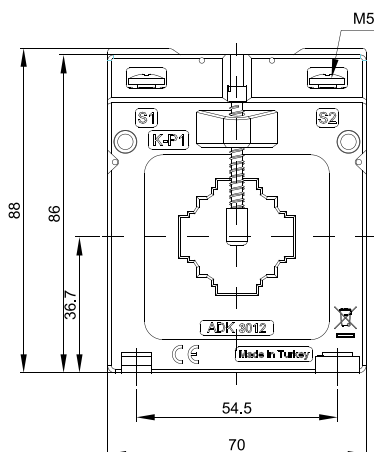
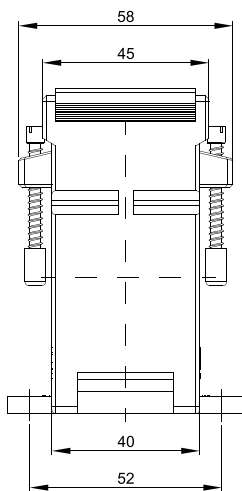
Primary conductor : 30x10 mm
 Round conductor : Ø26 mm
 Transformer width : 60 mm



ADK3012



Primary conductor : 30x10 mm
 Round conductor : Ø26 mm
 Transformer width : 70 mm



TECHNICAL DATA

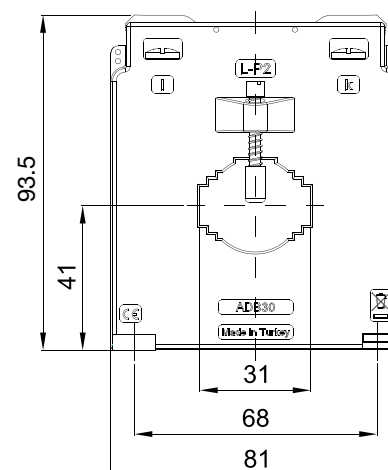
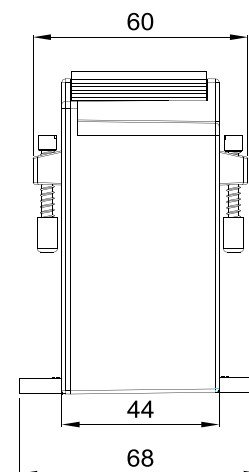
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
40	1	✓	X	✓	X
	1,5	✓	X	✓	X
50	1	✓	X	✓	X
	1,5	✓	X	✓	X
60	1	✓	✓	✓	✓
	1,5	✓	X	✓	X
75	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
80	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
100	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
125	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
150	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
200	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
250	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
300	10	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
400	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
500	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
600	10	✓	✓	✓	✓
	15	✓	✓	✓	✓

ADB30

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
75	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
	5	✓	X	✓	X
100	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
	10	✓	X	✓	X
125	2,5	✓	✓	✓	✓
	5	✓	X	✓	✓
	10	✓	X	✓	X
150	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
200	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
250	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X



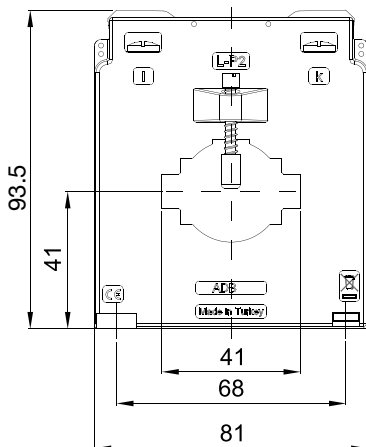
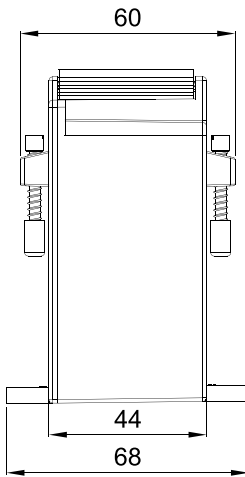
Primary conductor : 30x10 mm
 Round conductor : Ø26 mm
 Transformer width : 81 mm



ADB40



Primary conductor : 40x10 mm
 Round conductor : Ø30 mm
 Transformer width : 81 mm



TECHNICAL DATA

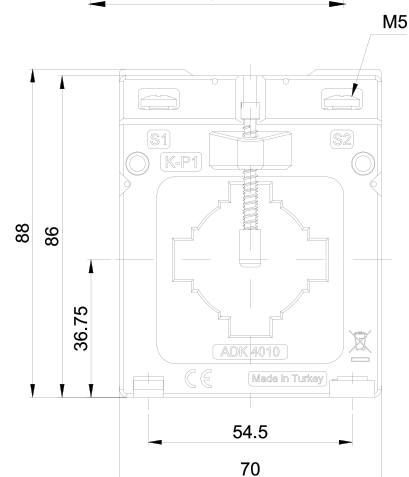
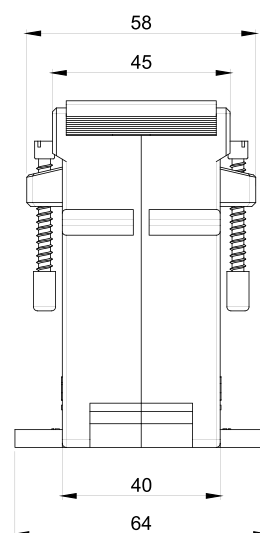
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
100	2,5	✓	X	✓	X
125	2,5	✓	X	✓	X
	5	✓	X	✓	X
150	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
200	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
250	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓

ADK4010

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
50	1	✓	X	✓	X
60	1,25	✓	X	✓	X
	1,5	✓	X	✓	X
75	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
80	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
100	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	3,75	✓	X	✓	X
150	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
200	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
250	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
750	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓



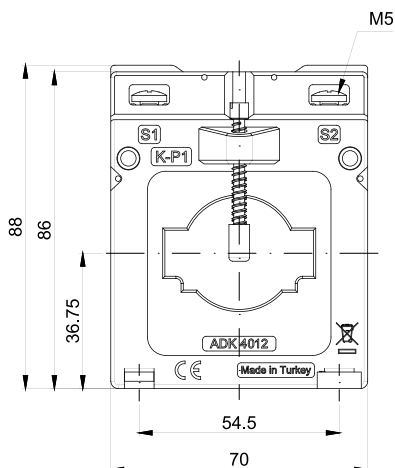
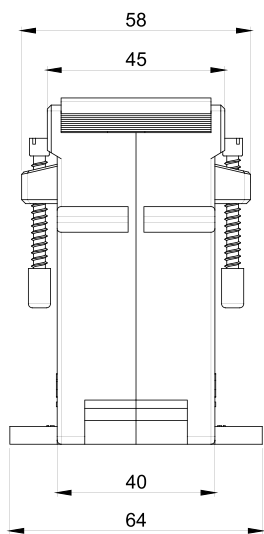
Primary conductor : 40x10 mm
 Round conductor : Ø32 mm
 Transformer width : 70 mm



ADK4012



Primary conductor : 40x10 mm
 Round conductor : Ø30,5 mm
 Transformer width : 70 mm



TECHNICAL DATA

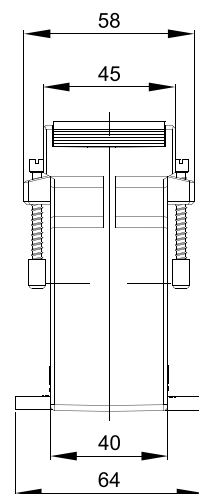
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
50	1	✓	X	✓	X
60	1,25	✓	X	✓	X
	1,5	✓	X	✓	X
75	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
80	1,5	✓	X	✓	X
	2,5	✓	X	✓	X
100	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	3,75	✓	X	✓	X
150	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
200	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
250	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
750	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓

ADK5012

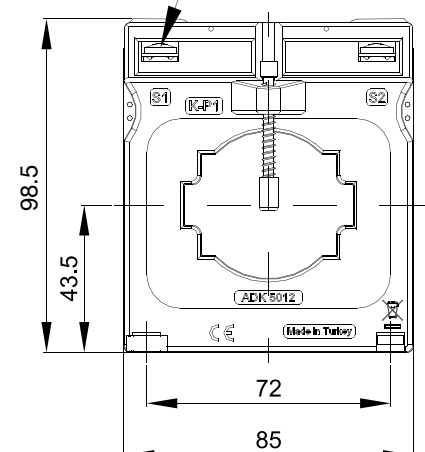
TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
100	1,5	X	X	X	X
	2,5	X	X	X	X
150	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
200	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
250	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	X
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	X
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
750	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
800	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	30	✓	X	✓	X
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	30	✓	X	✓	X
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
1250	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓



Primary conductor : 50x10 mm
 Round conductor : Ø44 mm
 Transformer width : 85 mm



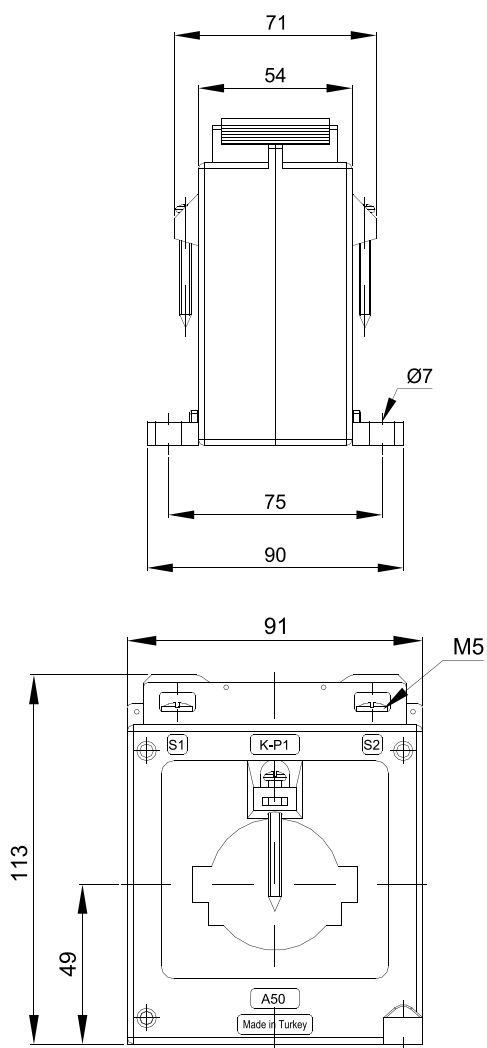
Secondary terminal, M5



A50



Primary conductor : 50x10 mm
 Round conductor : Ø40 mm
 Transformer width : 91 mm



TECHNICAL DATA

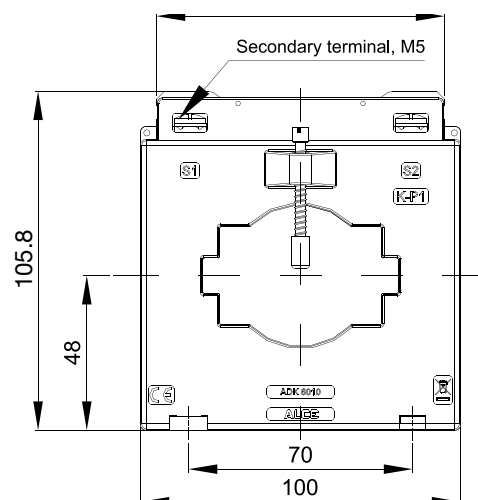
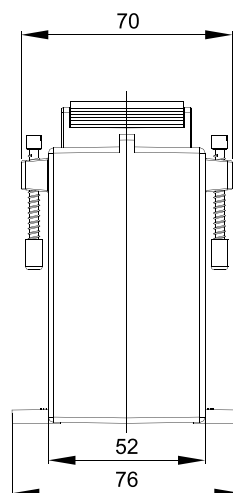
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
150	1,5	✓	X	X	✓
	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
200	2,5	✓	✓	X	✓
	5	✓	✓	✓	✓
	10	✓	X	✓	X
	15	✓	X	✓	X
250	2,5	✓	✓	X	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
300	15	✓	X	✓	X
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
400	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
500	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
600	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
750	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
800	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
1000	15	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓

ADK6010

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
100	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
150	1,5	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
200	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
	10	✓	X	✓	X
250	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
300	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
500	30	✓	✓	✓	✓
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
600	15	✓	✓	✓	✓
	30	✓	X	✓	X
	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
750	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	X	✓	X
	5	✓	✓	✓	✓
800	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	X	✓	X
	5	✓	✓	✓	✓
1000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
	5	✓	✓	✓	✓
1200	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
	5	✓	✓	✓	✓
1250	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
	5	✓	✓	✓	✓
1500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
	5	✓	✓	✓	✓
1600	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓



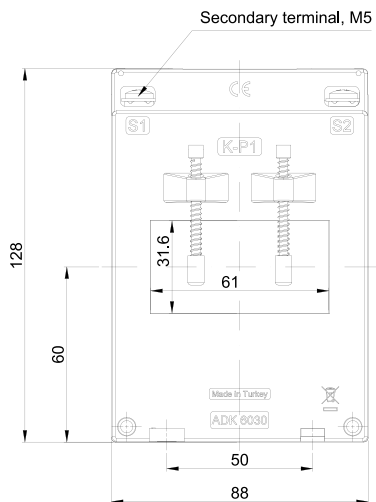
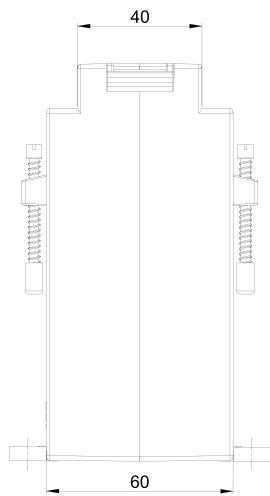
Primary conductor : 60x10 mm
 Round conductor : Ø44 mm
 Transformer width : 100 mm



ADK6030



Primary conductor : 60x30 mm
 Round conductor : Ø30 mm
 Transformer width : 88 mm



TECHNICAL DATA

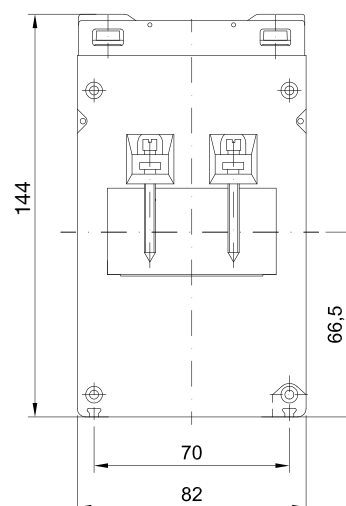
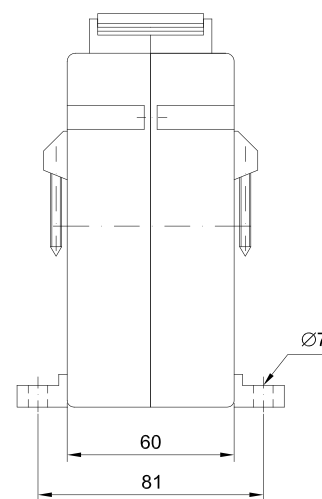
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
300	2,5	✓	X	✓	X
	5	✓	X	✓	X
400	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
750	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓

ADS62

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
300	2,5	✓	X	✓	X
	5	✓	X	✓	X
400	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
750	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X



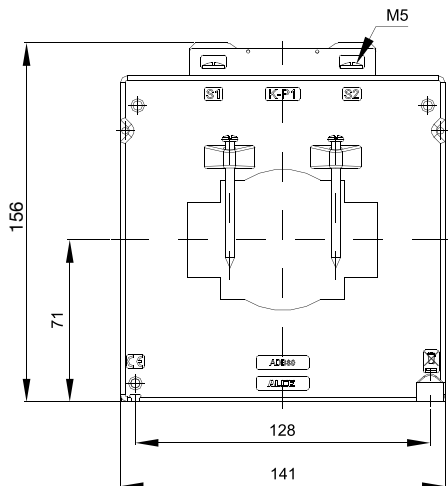
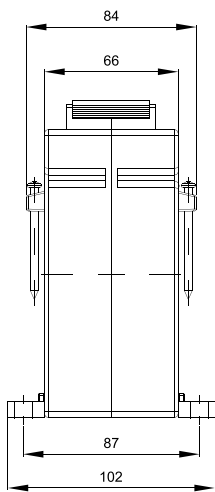
Primary conductor : 60x30 mm
 Round conductor : Ø30 mm
 Transformer width : 82 mm



ADB80



Primary conductor : 80x30 mm
 Round conductor : Ø60 mm
 Transformer width : 141 mm



TECHNICAL DATA

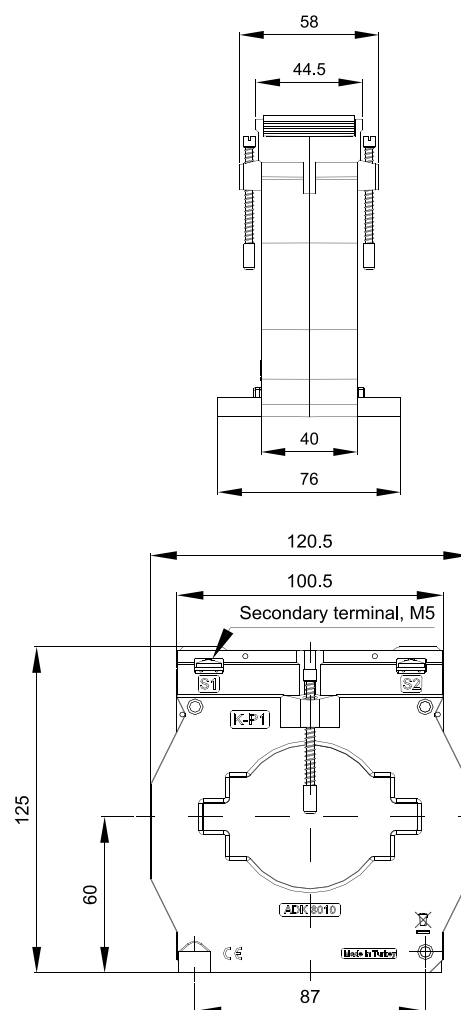
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
200	5	✓	X	✓	X
	5	✓	X	✓	X
	10	✓	X	✓	X
300	5	✓	✓	✓	✓
	10	✓	X	✓	X
400	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	X	✓	X
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2500	5	✓	✓	✓	✓
	10	✓	✓	✓	X
	15	✓	✓	✓	X
	30	✓	✓	✓	X

ADK8010

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
400	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
500	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
600	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
750	2,5	✓	✓	✓	✓
	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓



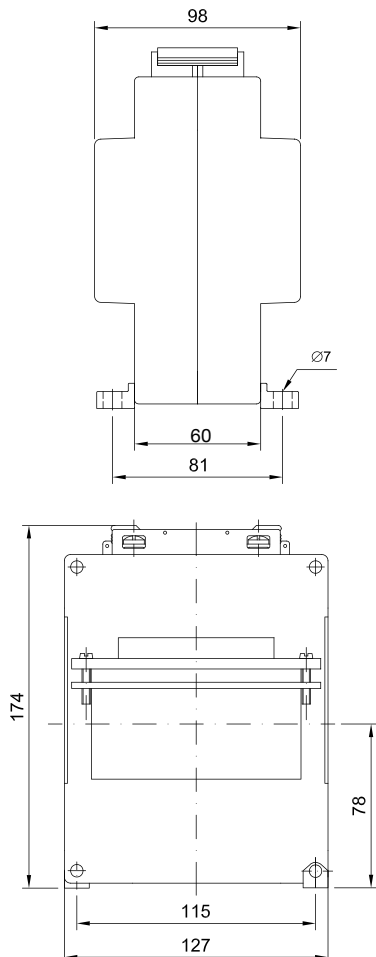
Primary conductor : 80x10 mm
 Round conductor : Ø55 mm
 Transformer width : 120,5 mm



ADS100



Primary conductor : 100x50 mm
 Round conductor : Ø52 mm
 Transformer width : 127 mm



TECHNICAL DATA

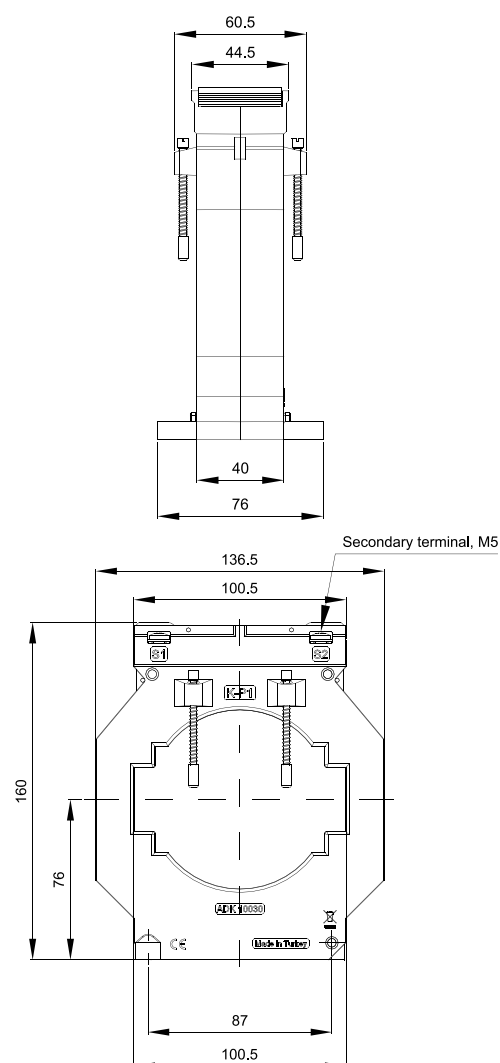
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
500	5	✓	✓	✓	✓
	10	✓	X	✓	X
	15	✓	X	✓	X
600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	X	✓	X
800	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
3000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
4000	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X

ADK10030

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1250	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1600	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
2000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
2500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓



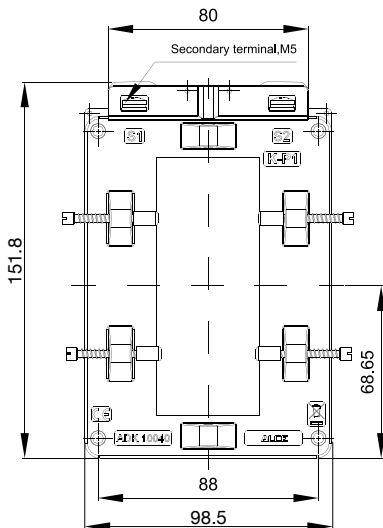
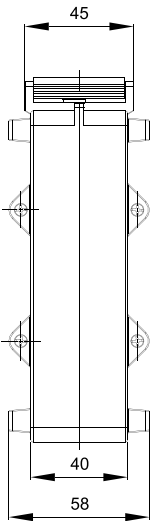
Primary conductor : 100x30 mm
 Round conductor : Ø85 mm
 Transformer width : 136,5 mm



ADK10040



Primary conductor : 100x40 mm
 Round conductor : Ø40 mm
 Transformer width : 98,5 mm



TECHNICAL DATA

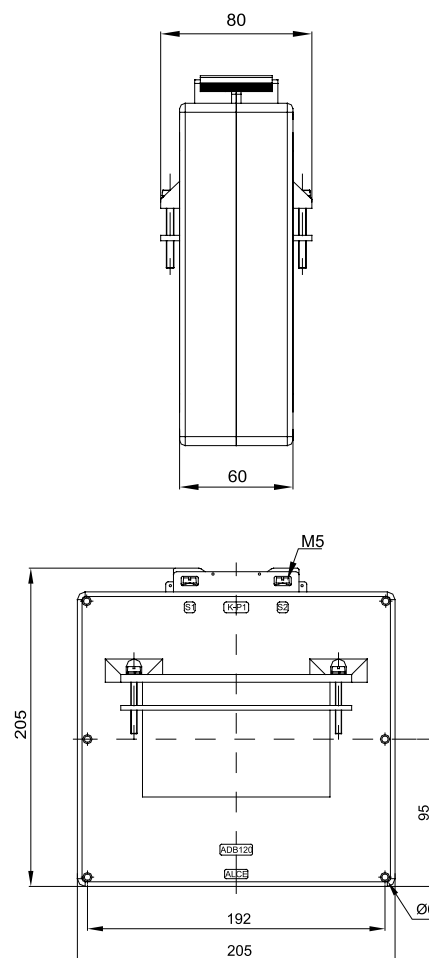
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
400	10	✓	✓	✓	✓
	15	✓	X	✓	X
500	10	✓	✓	✓	✓
	15	✓	X	✓	X
600	10	✓	✓	✓	✓
	15	✓	X	✓	X
750	10	✓	✓	✓	✓
	15	✓	X	✓	X
800	10	✓	✓	✓	✓
	15	✓	X	✓	X
1000	10	✓	✓	✓	✓
	15	✓	X	✓	X
1250	10	✓	✓	✓	✓
	15	✓	✓	✓	X
1500	15	✓	✓	✓	✓
	30	✓	X	✓	X
2000	15	✓	✓	✓	✓
	30	✓	X	✓	X

ADB120

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
3000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
3200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
4000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
5000	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X
	30	✓	✓	X	X
6000	5	✓	✓	X	X
	10	✓	✓	X	X
	15	✓	✓	X	X
	30	✓	✓	X	X



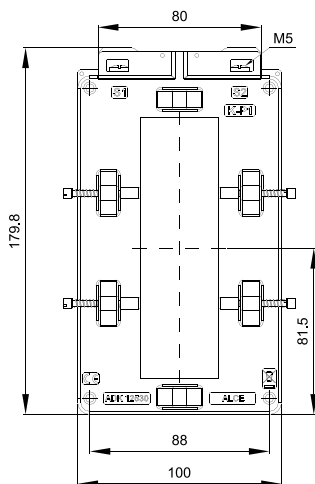
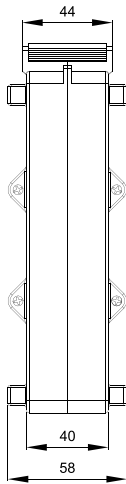
Primary conductor : 120x70 mm
 Round conductor : Ø70 mm
 Transformer width : 205 mm



ADK12530



Primary conductor : 125x30mm
 Round conductor : Ø35 mm
 Transformer width : 100 mm



TECHNICAL DATA

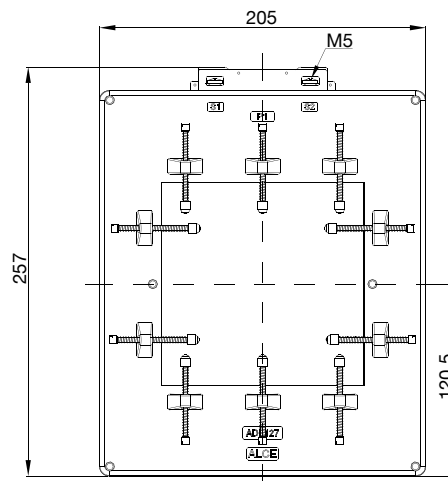
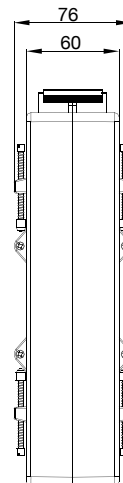
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
400	10	✓	✓	✓	✓
	15	✓	X	✓	X
500	10	✓	✓	✓	✓
	15	✓	X	✓	X
600	10	✓	✓	✓	✓
	15	✓	X	✓	X
750	10	✓	✓	✓	✓
	15	✓	X	✓	X
800	10	✓	✓	✓	✓
	15	✓	X	✓	X
1000	10	✓	✓	✓	✓
	15	✓	X	✓	X
1250	10	✓	✓	✓	✓
	15	✓	X	✓	X
1500	15	✓	✓	✓	✓
	30	✓	X	✓	X
2000	15	✓	✓	✓	✓
	30	✓	X	✓	X
2500	15	✓	✓	✓	✓
	30	✓	X	✓	X

ADB127

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1250	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
1600	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
2500	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
3000	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
3200	5	✓	✓	✓	✓
	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
	30	✓	✓	✓	✓
4000	5	✓	✓	✓	X
	10	✓	✓	✓	X
	15	✓	✓	✓	X
	30	✓	✓	✓	X
5000	5	✓	✓	✓	X
	10	✓	✓	✓	X
	15	✓	✓	✓	X
	30	✓	✓	✓	X
6000	5	✓	✓	✓	X
	10	✓	✓	✓	X
	15	✓	✓	✓	X
	30	✓	✓	✓	X



Primary conductor : 125x125 mm
 Round conductor : Ø120 mm
 Transformer width : 205 mm

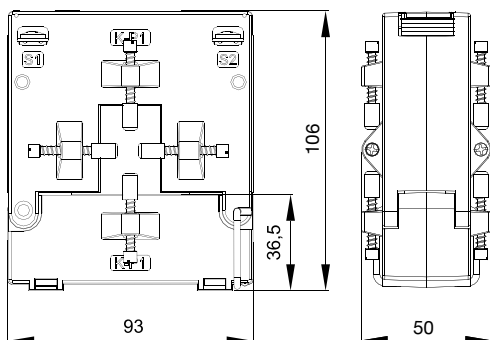


LV SPLIT CORE CURRENT TRANSFORMERS

ACK2030



Primary conductor : 30x20 mm
Transformer width : 93 mm



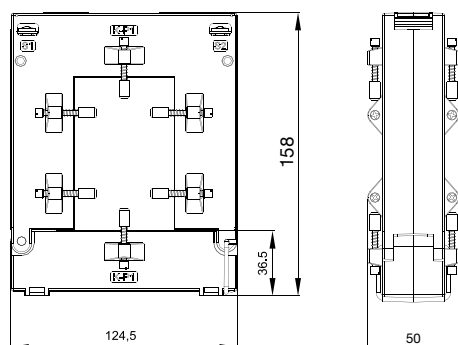
TECHNICAL DATA

Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
150	1,5	✓	X	✓	X
200	1,5	✓	X	✓	X
250	1,5	✓	X	✓	X
300	1,5	✓	✓	✓	✓
	3,75	✓	X	✓	X
400	2,5	✓	✓	✓	✓
	4	✓	X	✓	X

ACK5080



Primary conductor : 80x50 mm
Transformer width : 125 mm



TECHNICAL DATA

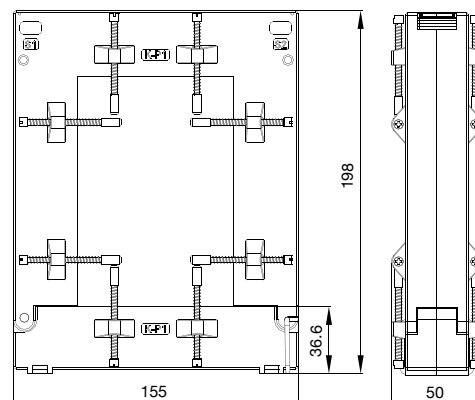
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
250	1	✓	✓	✓	✓
	1,5	✓	X	✓	X
300	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
400	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
500	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
600	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
750	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
800	2,5	✓	✓	✓	✓
	7,5	✓	X	✓	X
1000	5	✓	✓	✓	✓
	10	✓	X	✓	X

ACK80120

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
250	1	✓	✓	✓	✓
	1,5	✓	X	✓	X
300	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
400	1,5	✓	✓	✓	✓
	2,5	✓	X	✓	X
500	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
600	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
750	2,5	✓	✓	✓	✓
	5	✓	X	✓	X
800	2,5	✓	✓	✓	✓
	7,5	✓	X	✓	X
1000	5	✓	✓	✓	✓
	10	✓	X	✓	X
1250	7,5	✓	✓	✓	✓
	10	✓	X	✓	X
1500	7,5	✓	✓	✓	✓
	15	✓	X	✓	X



Primary conductor : 120x80 mm
Transformer width : 155 mm

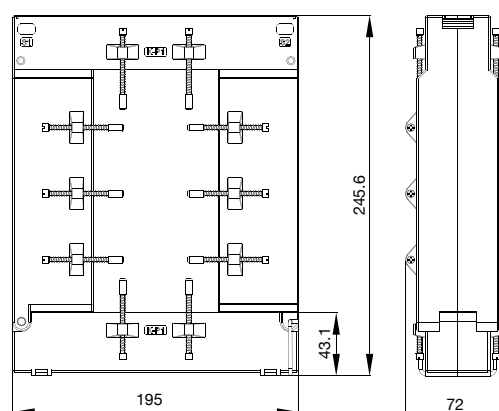


ACK80160

TECHNICAL DATA					
Secondary Current		5A		1A	
Primary Current A	Burden VA	Accuracy Class		Accuracy Class	
		1	0,5	1	0,5
1000	10	✓	✓	✓	✓
	15	✓	X	✓	X
1200	10	✓	✓	✓	✓
	15	✓	X	✓	X
1500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
1600	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
2000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
2500	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
3000	10	✓	✓	✓	✓
	15	✓	X	✓	X
4000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓
5000	10	✓	✓	✓	✓
	15	✓	✓	✓	✓



Primary conductor : 160 x 80 mm
Transformer width : 195 mm



SUMMATION CURRENT TRANSFORMERS

When the currents in different feeders need to be metered with single meter or instrument, a summation transformer can be used. Summation current transformers are designed for summation of several synchronous A.C. currents in same phase belt.

The secondary circuits of the main C.Ts are to be connected to the corresponding marked primary terminals of the summation C.T. If the ratios of the main CTs are not equal, in order to obtain a correct vectorial sum, it is necessary to specify the ratio values of the individual main CTs.

In consumer installation, where there are more than one feeder, it is more economical to use summation metering and for this purpose, summation CT is required. 2 to 12 different currents of different feeders in the same phase can be summed. The standard primary & secondary currents are 5 or 1 amp.

Example:

$$\text{Main C.T.} \quad : \frac{300 \text{ A}}{5}, \frac{100 \text{ A}}{1}, \frac{100 \text{ A}}{5}$$

$$\text{Summation C.T.} \quad : \frac{5+1+5}{5} \text{ A}$$

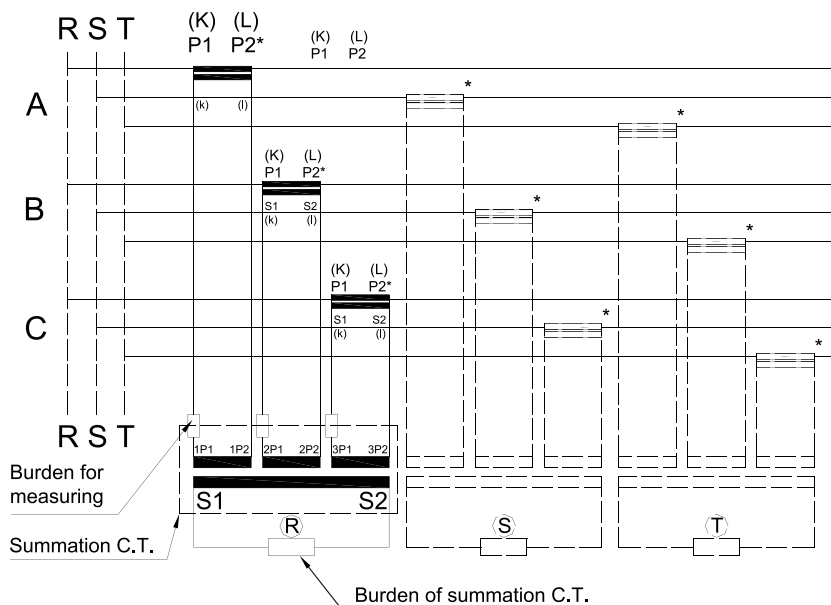
$$\text{Result C.T.} \quad : \frac{300+100+100}{5} : 100 \text{ "Ratio"}$$

TYPE	Primary (A)	Rated power (VA) max	
		Class 0,5	Class 1
TA2-1	5+5/5	10	15
TA2-2		30	30
TA3-1	5+5+5/5	10	15
TA3-2		30	
TA4-2	5+5+5+5/5	30	30
TA5-2	5+5+5+5+5/5	30	30
TA6-2	5+5+5+5+5+5/5	30	30

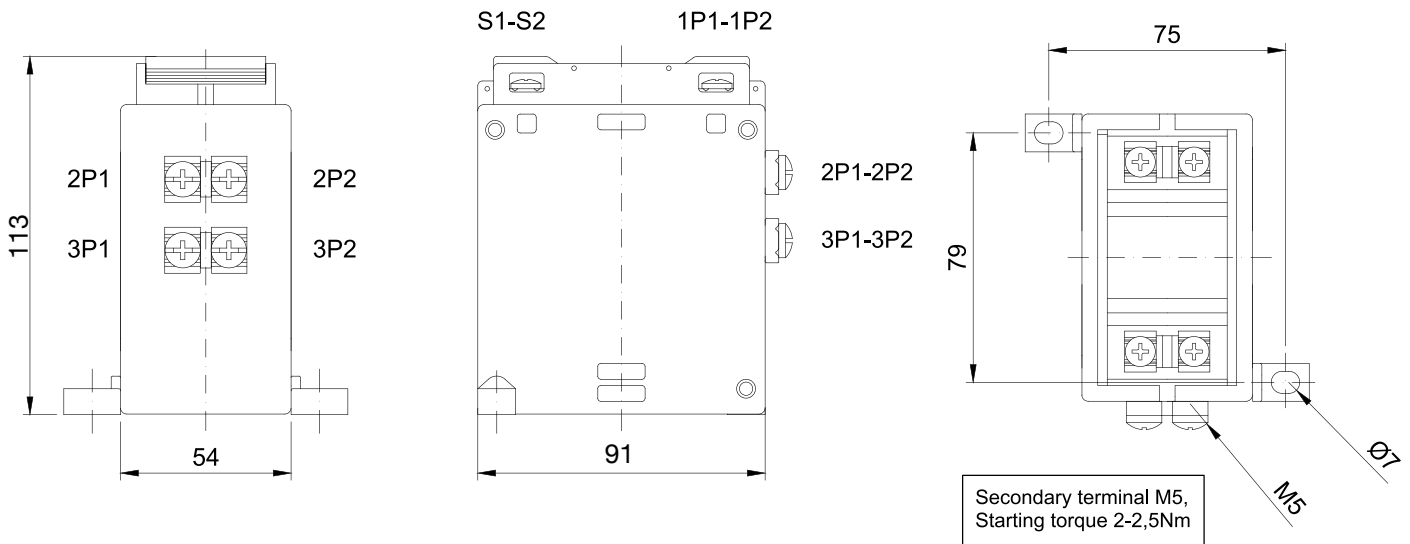
Connection diagram of summation current transformer:

(Type TA-3) One phase (R) of the three-phase A, B, C groups are shown in the picture

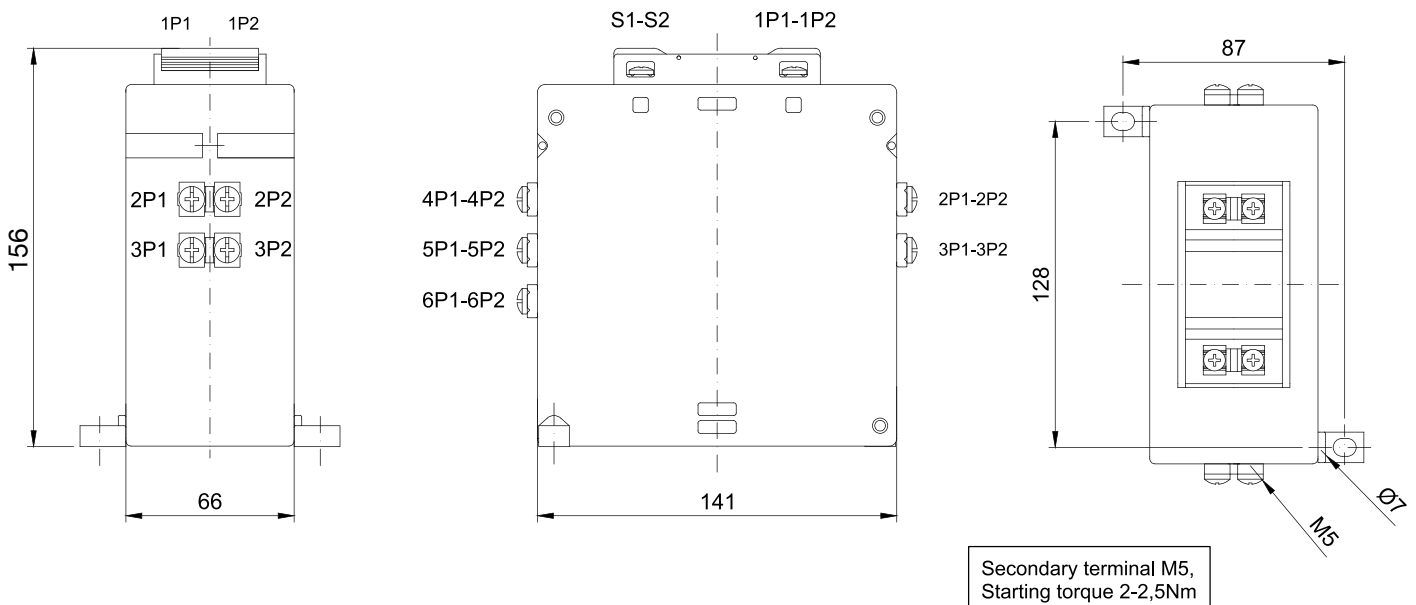
* Main current transformer



TA2-1, TA3-1



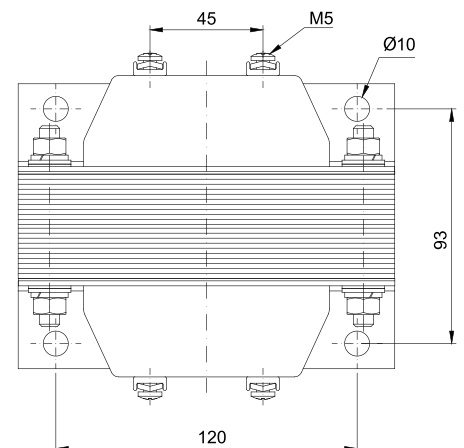
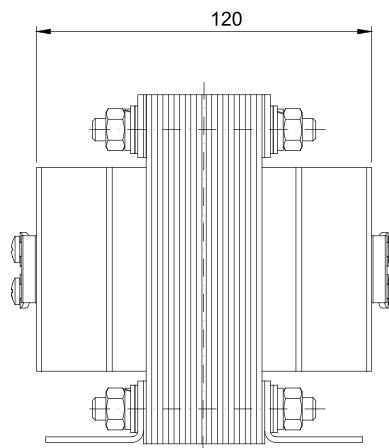
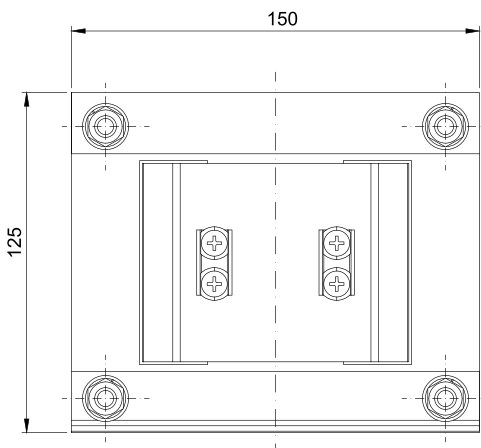
TA2-2, TA3-2, TA4-2, TA5-2, TA6-2



VM-1



Type	VM-1		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	-	10	20
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$	1	15	30
400 / $\sqrt{3}$			
500 / $\sqrt{3}$			
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			

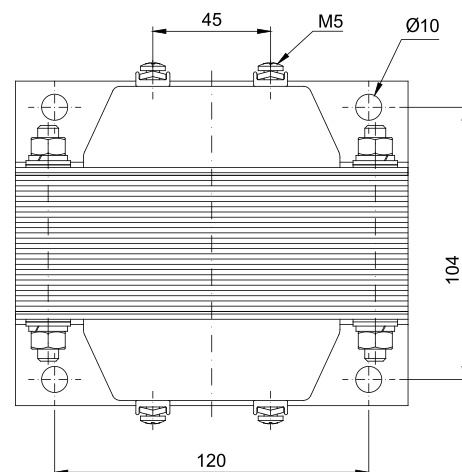
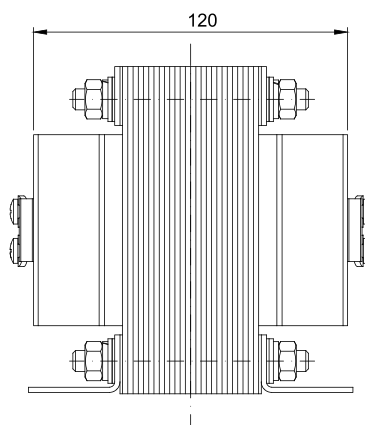
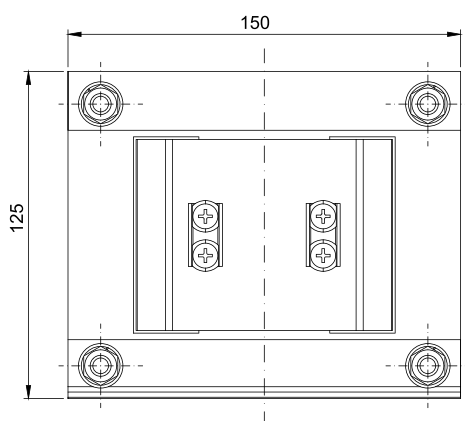


VM-2

Type	VM-2		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	-	15	30
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$	1,5	30	60
400 / $\sqrt{3}$			
500 / $\sqrt{3}$			
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			



Type	VM-2		
Secondary Rated Voltage (V)	100, 110, 120		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100	-	30	60
110			
220			
380	1,5	30	60
400			
500			
600			
800			
1000			

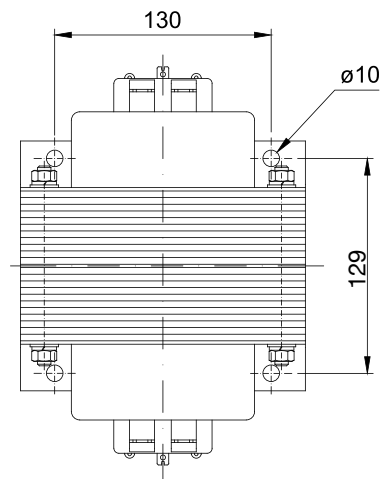
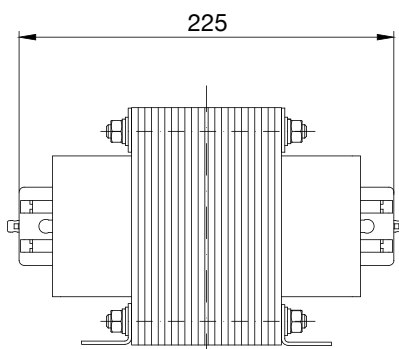
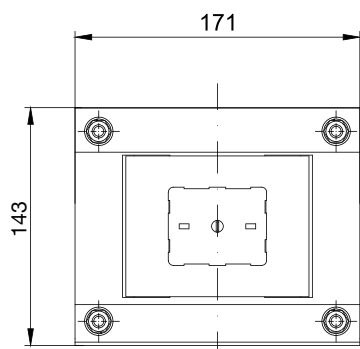


VM-F



Type	VM-F		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	5	30	60
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$	15	50	100
400 / $\sqrt{3}$			
500 / $\sqrt{3}$			
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			

Type	VM-F		
Secondary Rated Voltage (V)	100, 110, 120		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100	5	30	60
110			
220			
380	15	50	100
400			
500			
600			
800			
1000			

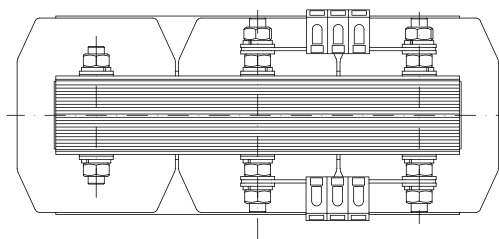
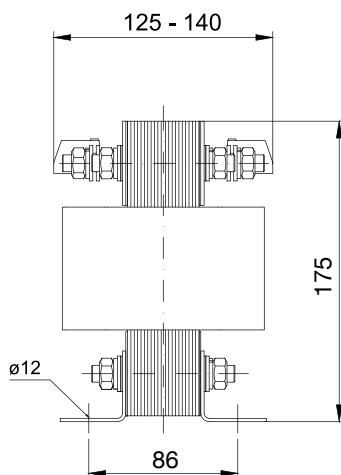
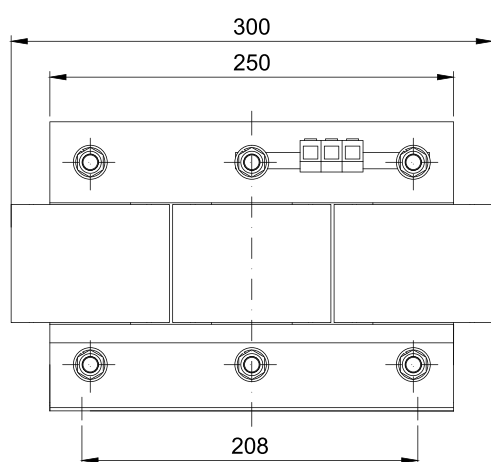


3VM-1

Type	3VM-1		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	-	10	20
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$	1	15	30
400 / $\sqrt{3}$			
500 / $\sqrt{3}$			
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			



Type	3VM-1		
Secondary Rated Voltage (V)	100, 110, 120		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100	1	15	30
110			
220			
380	1	20	45
400			
500			
600			
800			
1000			

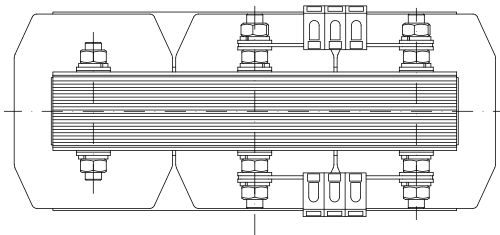
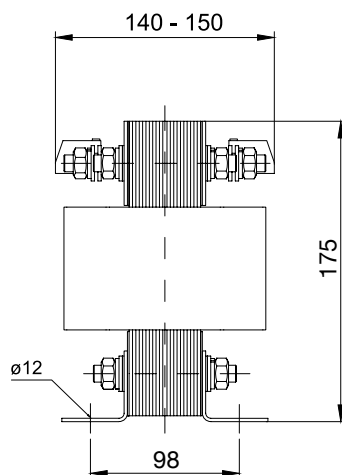
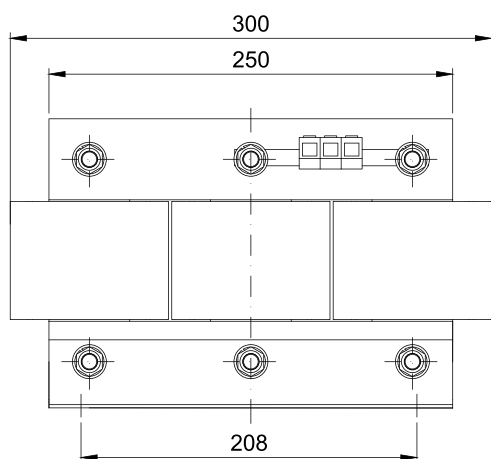


3VM-2



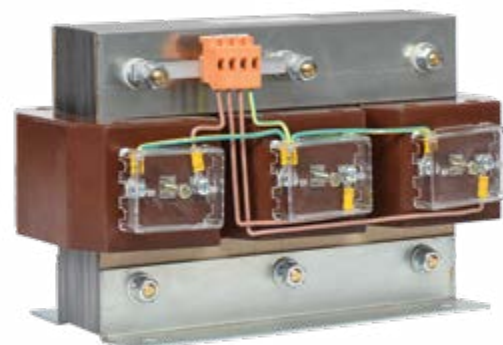
Type	3VM-2		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	-	15	30
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$	1,5	30	60
400 / $\sqrt{3}$			
500 / $\sqrt{3}$			
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			

Type	3VM-2		
Secondary Rated Voltage (V)	100, 110, 120		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100	-		
110			
220			
380	1,5	30	60
400			
500			
600			
800			
1000			

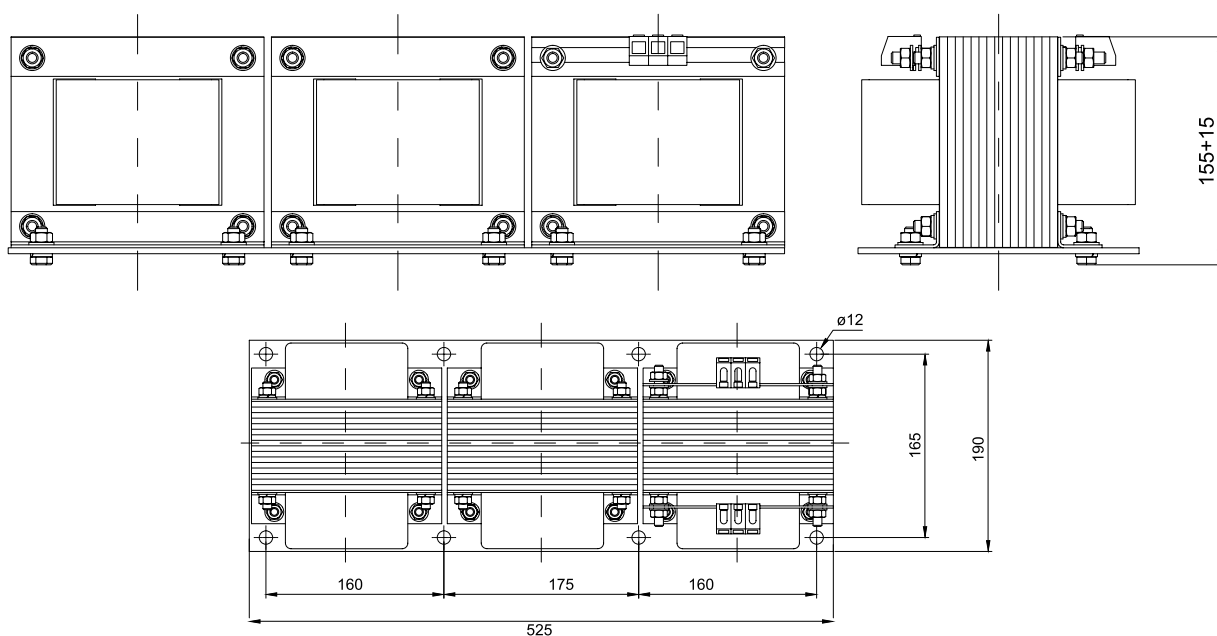


3VM-F

Type	3VM-F		
Secondary Rated Voltage (V)	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, 120/ $\sqrt{3}$		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100 / $\sqrt{3}$	5	30	60
110 / $\sqrt{3}$			
220 / $\sqrt{3}$			
380 / $\sqrt{3}$			
400 / $\sqrt{3}$			
500 / $\sqrt{3}$	15	50	100
600 / $\sqrt{3}$			
800 / $\sqrt{3}$			
1000 / $\sqrt{3}$			



Type	3VM-F		
Secondary Rated Voltage (V)	100, 110, 120		
Accuracy Class	0,2	0,5	1
Primary Rated Voltage (V)	Burden VA		
100	5	30	60
110			
220			
380			
400			
500	15	50	100
600			
800			
1000			



MKT



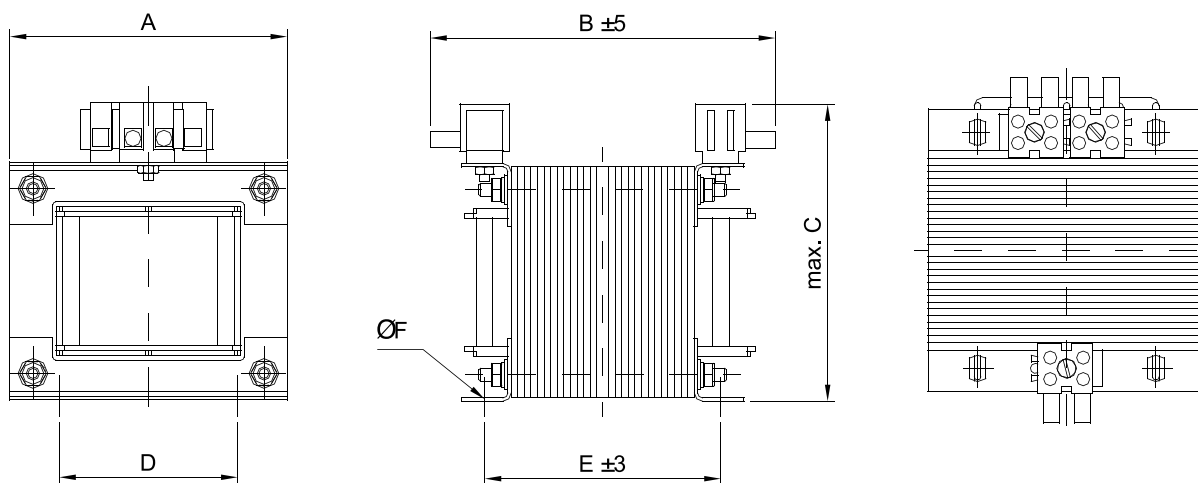
According to IEC 61558-2-4

Model : Open transformers, separate windings, IP00 type protection.

Operating Voltage : 0.72 / 3 kV

Primary : 100 V or 600 V \pm %5

Secondary : 24 V up to 800 VA
48 V up to 1000 VA
110 V up to 2500 VA
220 V up to 5000 VA



TYPE	Nominal Rating (VA)	Short Time Rating $\cos\phi=0,5$ (VA)	%Uk	Weight (kg)	Dimension (mm)					
					A	B ± 5	C(max.)	D	E ± 5	F ± 5
MKT-50	50	130	9	1,5	84	95	77	54	47	5
MKT-100	100	225	7	1,9	84	119	76	54	71	5
MKT-160	160	530	6,54	2,4	96	108	84	80	67	5,5
MKT-250	250	730	5,45	3,9	108	123	113	78	74	5,5
MKT-320	320	1050	6	4	108	128	113	78	78	6
MKT-400	400	1430	5,45	5,4	120	143	124	90	86	10
MKT-500	500	1900	3,6	8,5	150	150	144	120	110	10
MKT-630	630	2500	3,5	8,8	150	160	144	120	110	10
MKT-800	800	3100	3,5	10,5	150	174	144	120	125	10
MKT-1000	1000	3500	3,3	14,3	150	195	145	120	150	10
MKT-1600	1600	4800	2,4	16,3	171	184	160	130	125	10
MKT-2500	2500	7500	2,1	28,5	192	224	177	149	170	10
MKT-3600	3600	11000	1,9	42	250	204	222	200	158	12
MKT-4000	4000	12300	1,9	45	250	213	222	200	167	12
MKT-5000	5000	15150	1,9	53	250	233	222	200	187	12



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