

SOLID CORE CURRENT TRANSFORMERS

MODEL TO.120

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

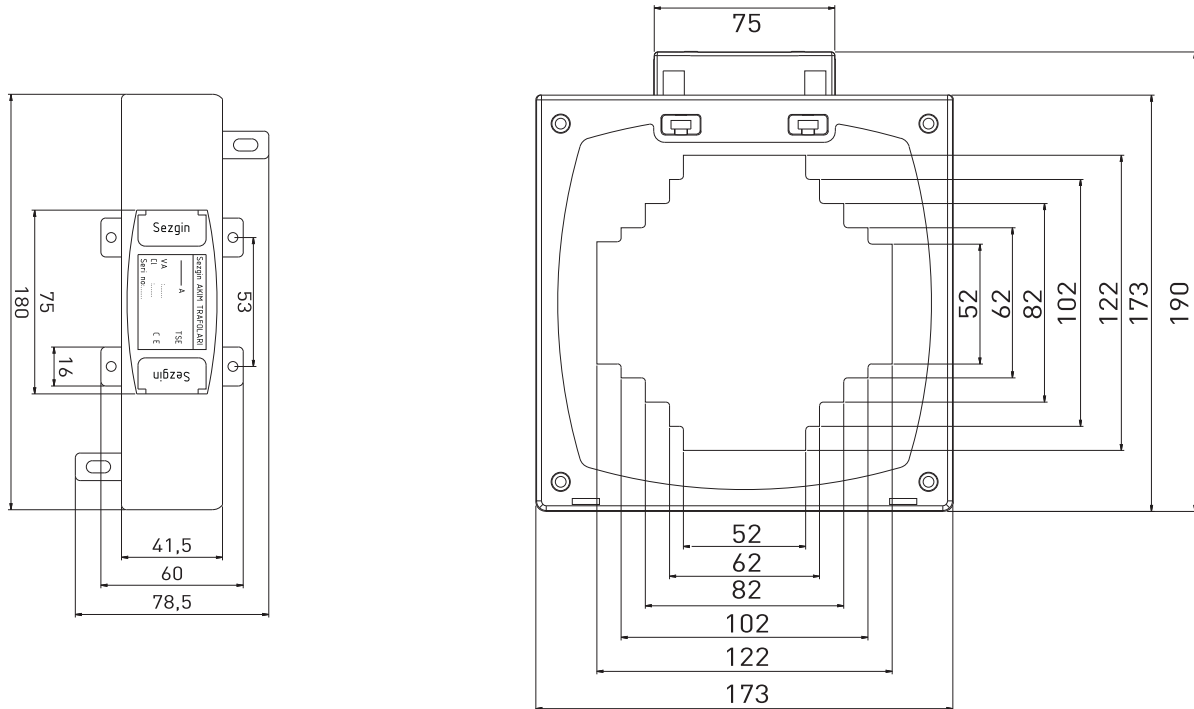
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO120-20000515	2000/5	0,5 - 1	15
TO120-20000530			30
TO120-25000515	2500/5	0,5 - 1	15
TO120-25000530			30
TO120-30000515	3000/5	0,5 - 1	15
TO120-30000530			30
TO120-32000515	3200/5	0,5 - 1	15
TO120-32000530			30
TO120-40000530	4000/5	0,5 - 1	30
TO120-50000530	5000/5	0,5 - 1	30

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 2000/5(25,40Kg), 2500/5(27,50Kg), 3000/5(29,82Kg), 3200/5(30,00Kg), 4000/5(31,00Kg), 5000/5(32,00Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.B

Sezgin



FEATURES

- CE Certified
- Use with ammeters

Made in TURKEY



ELECTRIAL FEATURES

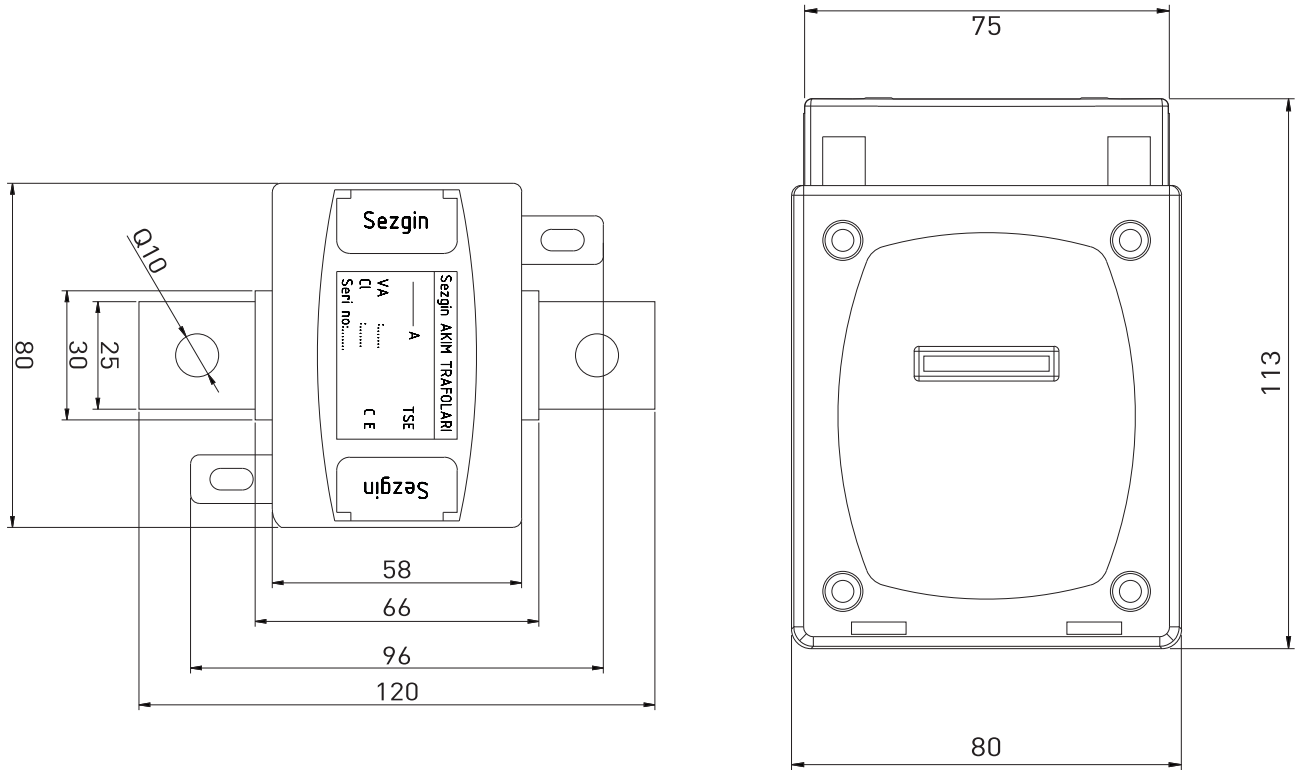
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TOB	5/5 - 10/5 - 15/5 - 20/5 - 25/5 30/5 - 40/5 - 50/5 - 60/5 - 75/5 80/5 - 100/5 - 125/5 - 150/5	0,5 - 1	5
			10
			15
	200/5 - 250/5 - 300/5 400/5 - 500/5 - 600/5	0,5 - 1	5
			10
			15

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N, 1 \text{ sec}$
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs
Weight	: 11,750Kg
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.30D

Sezgin



FEATURES

- CE Certified
- Use with ammeters

Made in TURKEY



ELECTRIAL FEATURES

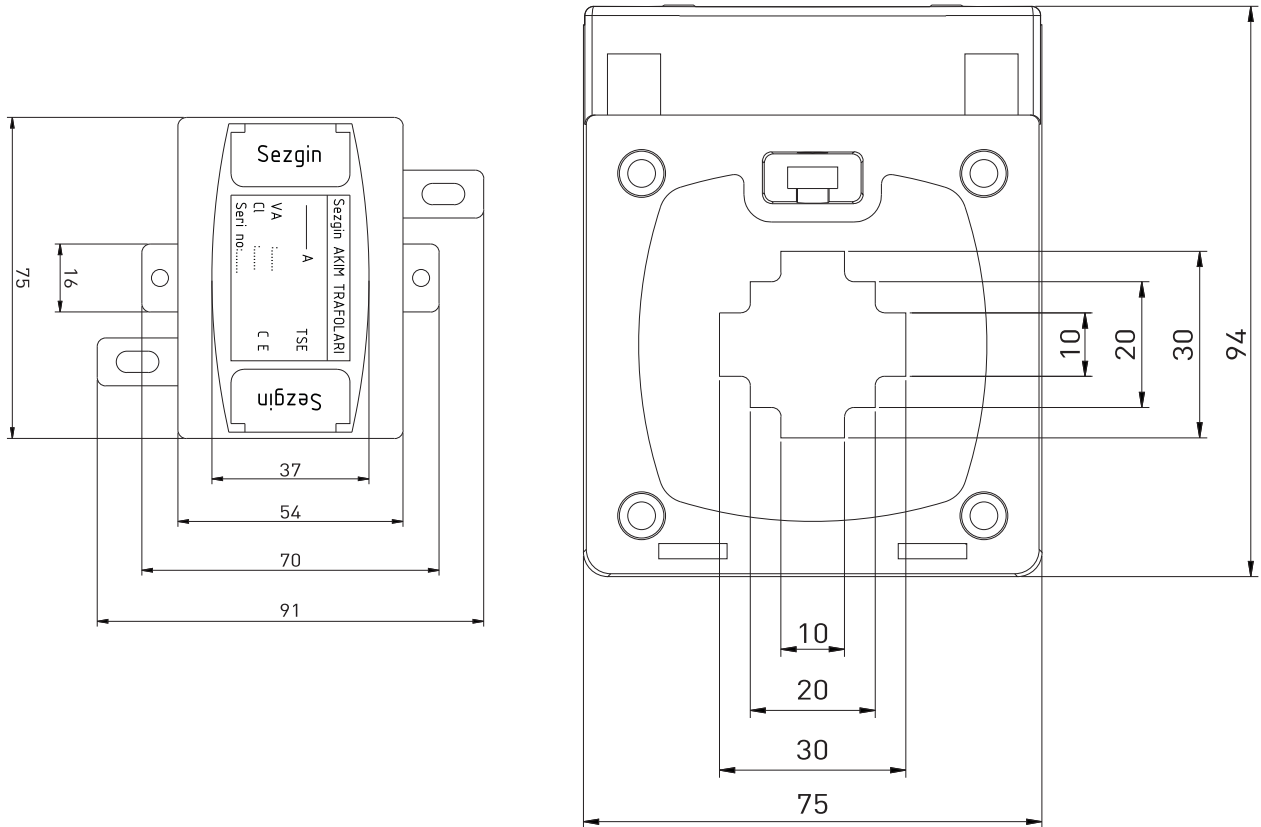
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO30D-200055	200/5	0,5 - 1	5
TO30D-2000510	200/5	0,5 - 1	10
TO30D-2000515	200/5	0,5 - 1	15

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 22Kg
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.30

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

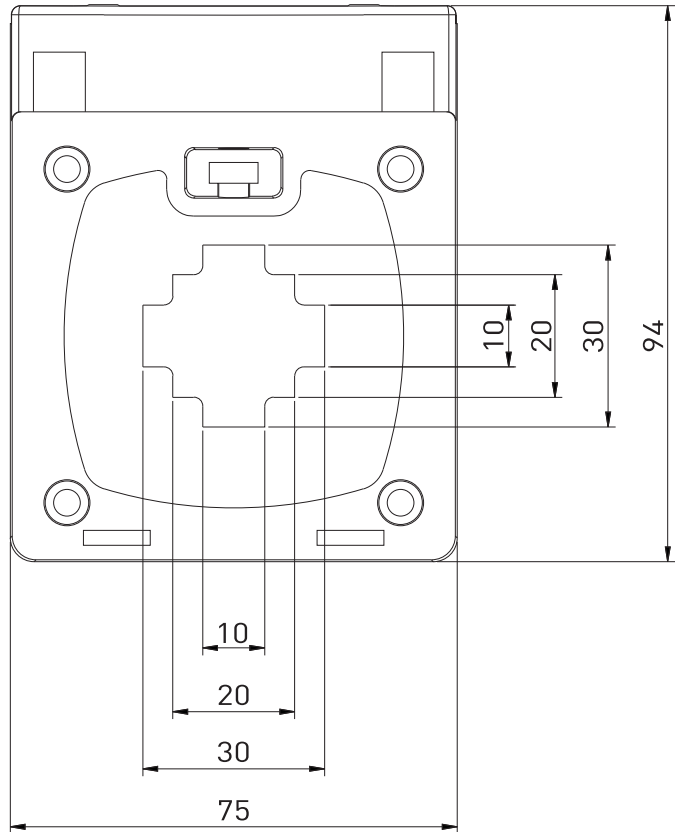
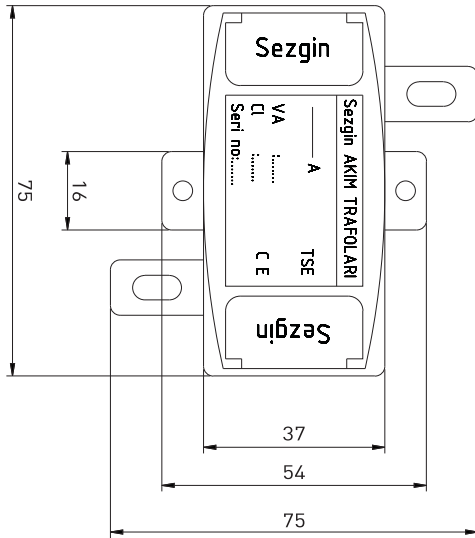
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO30-250055 TO30-2500510 TO30-2500515 TO30-300055 TO30-3000510 TO30-3000515	250/5 - 300/5	0,5 - 1	5 10 15
TO30-2015 TO30-2515 TO30-3015 TO30-4015 TO30-5015 TO30-6015 TO30-7515 TO30-8015 TO30-10015 TO30-12515 TO30-15015	20/5 - 25/5 - 30/5 - 40/5 50/5 - 60/5 - 75/5 - 80/5 100/5 - 125/5 - 150/5	1	5

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 250/5(15,30Kg), 300/5(14,12Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.30M

Sezgin



FEATURES

- CE Certified
- Use with ammeters
- Rail mounting

Made in TURKEY



ELECTRIAL FEATURES

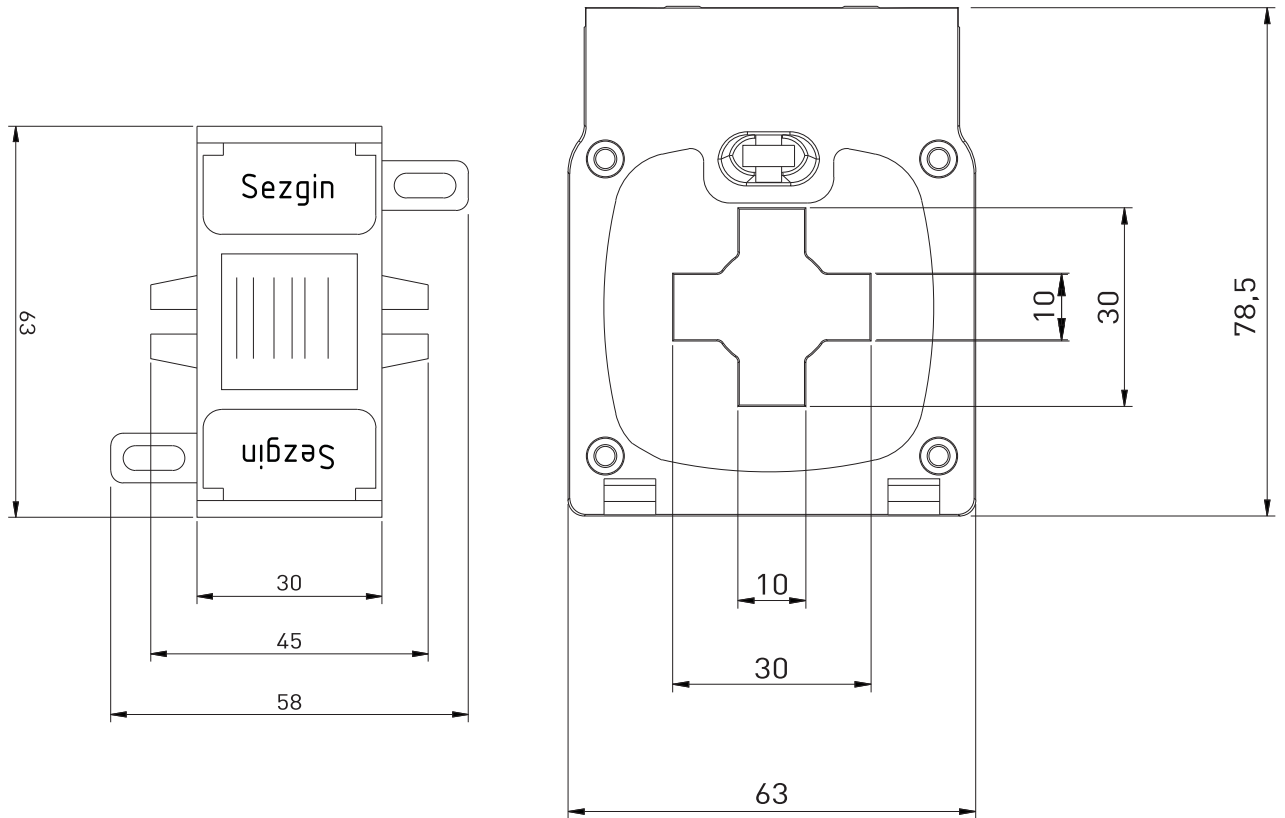
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO30M-50115 TO30M-60115 TO30M-75115 TO30M-80115	50/5 - 60/5 - 75/5 - 80/5	1	1,5
TO30M-1000515 TO30M-1250515 TO30M-1500515 TO30M-2000515	100/5-125/5-150/5-200/5	0,5	1,5
TO30M-1500525 TO30M-2000525	150/5 - 200/5	0,5	2,5
TO30M-200055 TO30M-250055 TO30M-300055 TO30M-400055 TO30M-500055 TO30M-600055	200/5 - 250/5 - 300/5 400/5 - 500/5 - 600/5	0,5	5
TO30M-3000510 TO30M-4000510 TO30M-5000510 TO30M-6000510	300/5 - 400/5 500/5 - 600/5	0,5	10

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 50pcs.
Package Weight	: 14,161Kg
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.40

Sezgin



FEATURES

- CE Certified
- Use with ammeters

Made in TURKEY



ELECTRIAL FEATURES

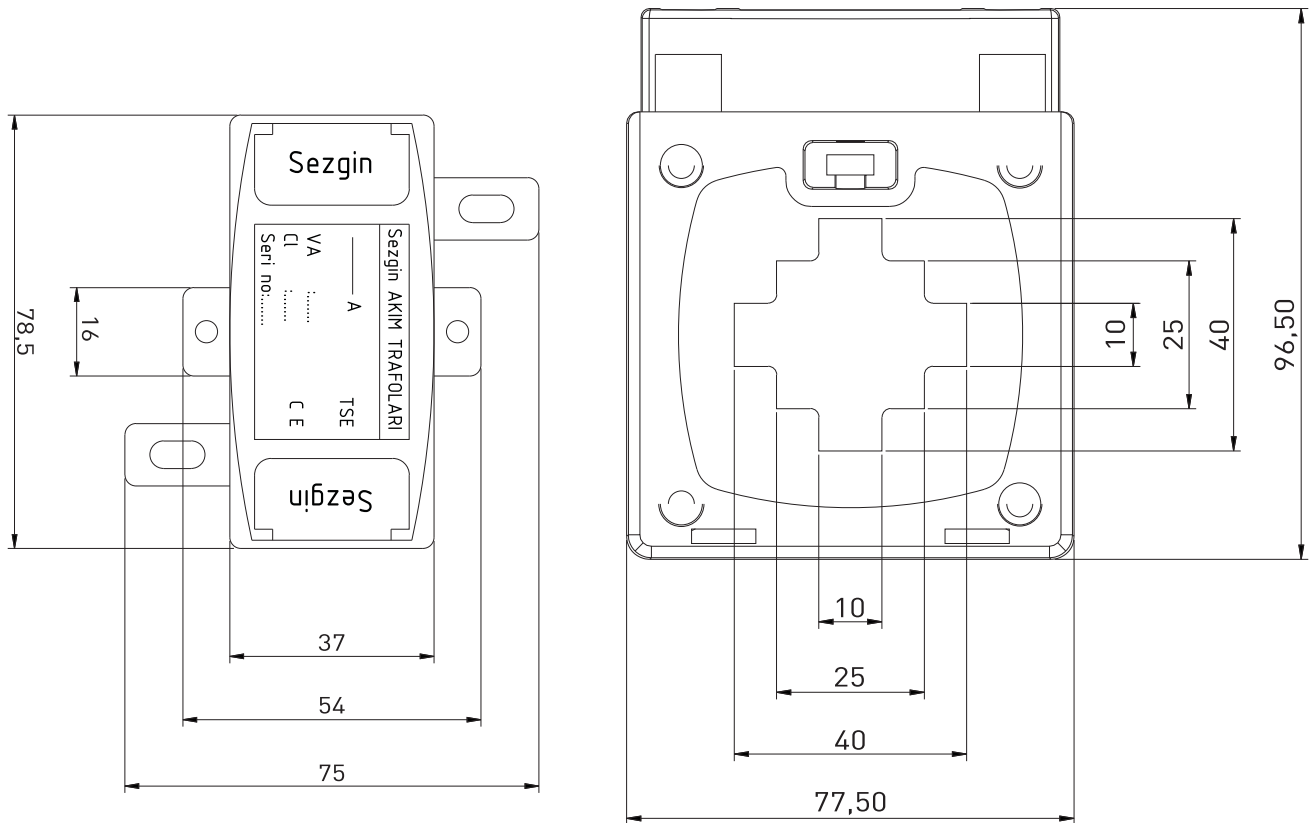
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO40-400055 TO40-4000510 TO40-4000515	400/5	0,5 - 1	5
			10
			15
TO40-500055 TO40-5000510 TO40-5000515	500/5	0,5 - 1	5
			10
			15
TO40-600055 TO40-6000510 TO40-6000515	600/5	0,5 - 1	5
			10
			15

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 400/5(11,85Kg), 500/5(12,20Kg), 600/5(13,35Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.60

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

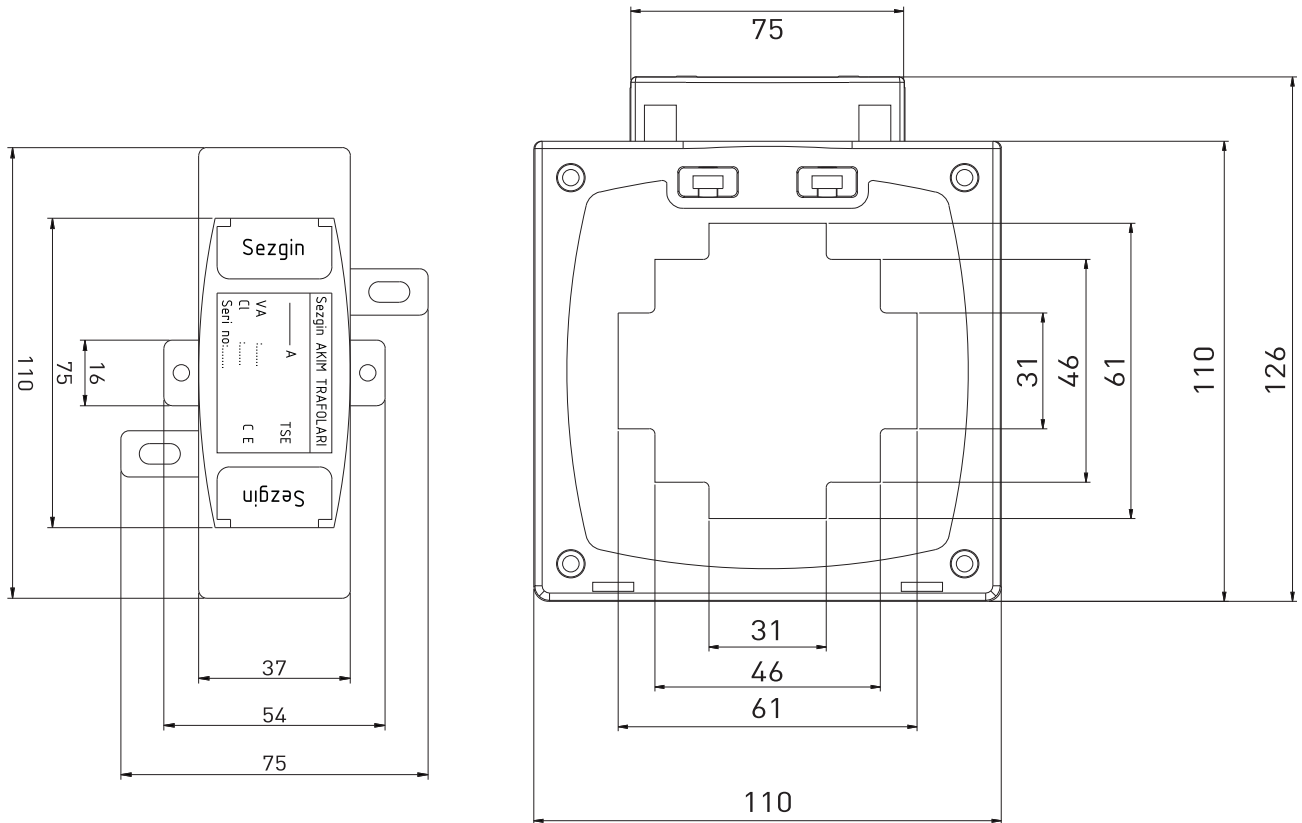
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO60-700055 TO60-7000510 TO60-7000515 TO60-750055 TO60-7500510 TO60-7500515 TO60-800055 TO60-8000510 TO60-8000515	700/5 - 750/5 - 800/5	0,5 - 1	5 10 15
TO60-1000055 TO60-10000510 TO60-10000515 TO60-1200055 TO60-12000510 TO60-12000515 TO60-1250055 TO60-12500510 TO60-12500515	1000/5 - 1200/5 - 1250/5	0,5 - 1	5 10 15

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 800/5(17,23Kg), 1000/5(18,13Kg), 1250/5(18,58Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGIN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.80

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

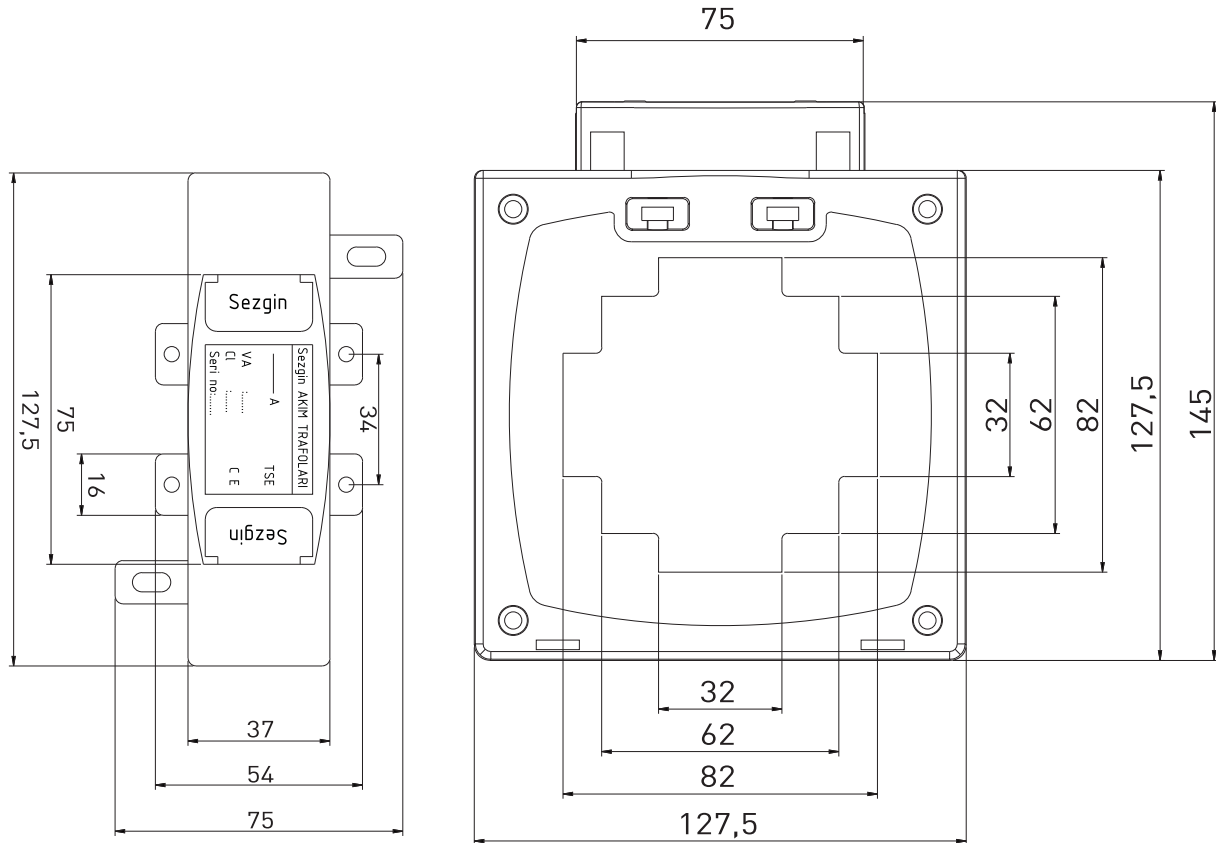
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO80-15000515	1500/5 - 1600/5	0,5 - 1	15
TO80-15000530			
TO80-16000515			30
TO80-16000530			

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 22,30Kg.
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.100

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

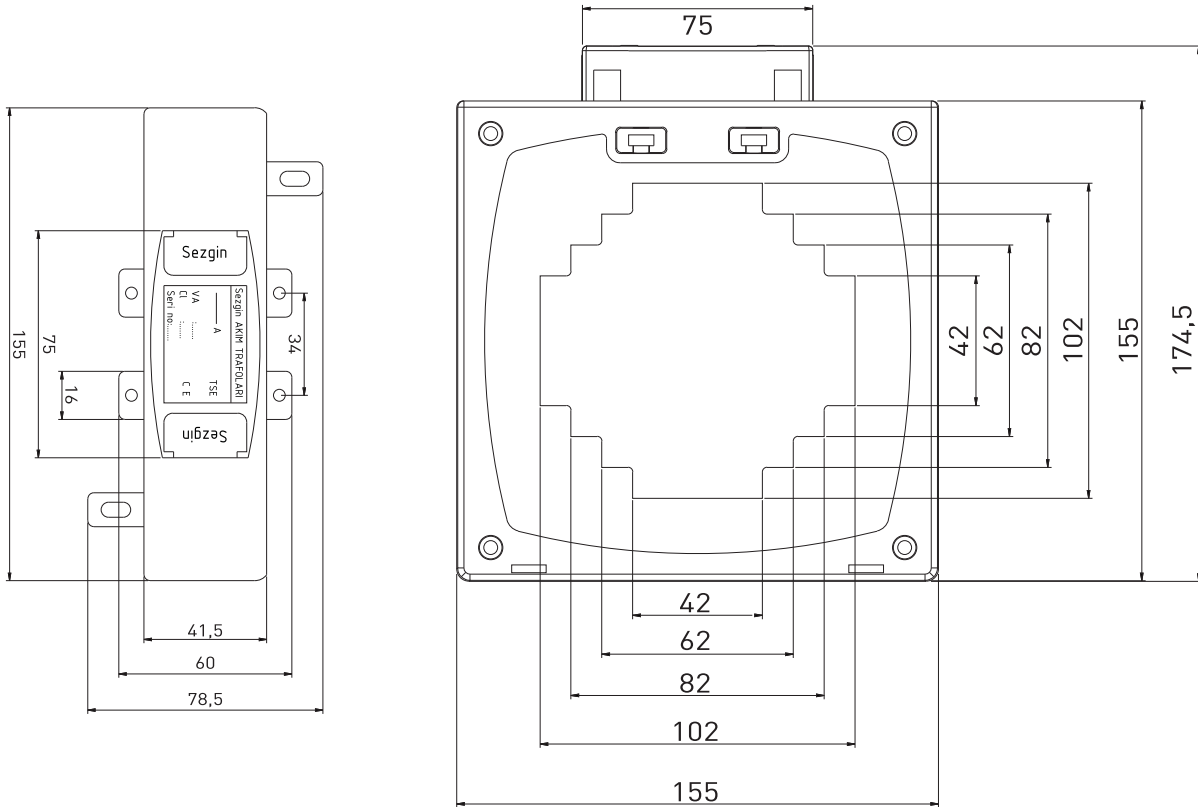
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO100-20000515 TO100-20000530	2000/5	0,5 -1	15 30
TO100-25000515 TO100-25000530	2500/5	0,5 -1	15 30
TO100-30000515 TO100-30000530	3000/5	0,5 -1	15 30
TO100-32000515 TO100-32000530	3200/5	0,5 -1	15 30
TO100-40000530	4000/5	0,5 -1	30
TO100-50000530	5000/5	0,5 -1	30

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 2000/5(25,20Kg), 2500/5(27,30Kg), 3000/5(29,62Kg), 3200/5(29,90Kg) 4000/5(30,80Kg), 5000/5(32,00Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.60DR

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

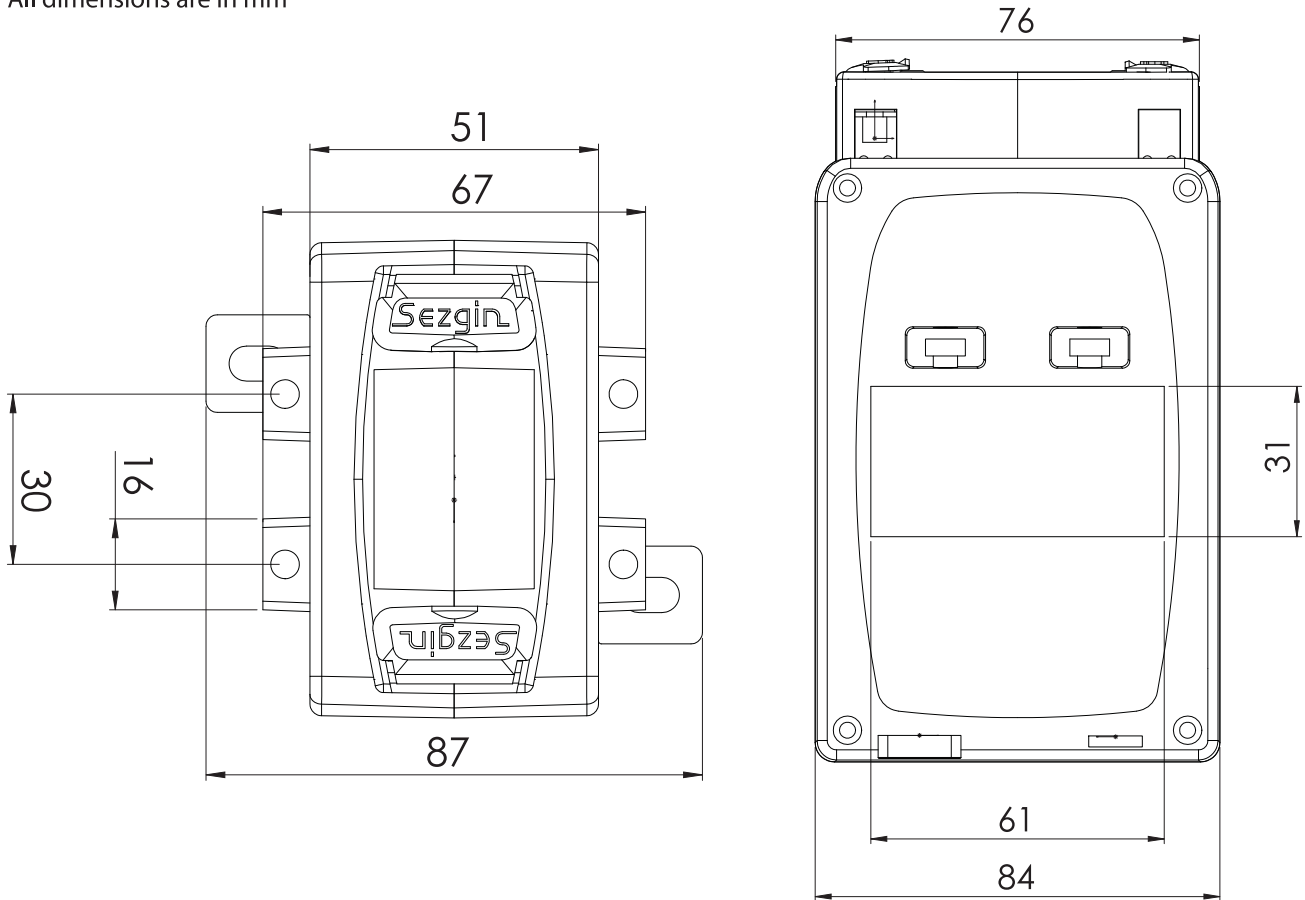
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO60DR-400055	400/5	0,5 - 1	5
TO60DR-4000510			10
TO60DR-500055	500/5 - 600/5	0,5 - 1	5
TO60DR-5000510			10
TO60DR-5000515			15
TO60DR-600055			15
TO60DR-6000510	700/5 - 750/5 - 800/5	0,5 - 1	5
TO60DR-6000515			10
TO60DR-700055			15
TO60DR-7000510			15
TO60DR-7000515			15
TO60DR-800055			15
TO60DR-8000510	1000/5 - 1200/5 - 1250/5	0,5 - 1	5
TO60DR-8000515			10
TO60DR-1000055			15
TO60DR-10000510			15
TO60DR-10000515			15
TO60DR-1200055			15
TO60DR-12000510	1500/5 - 1600/5	0,5 - 1	15
TO60DR-12000515			30
TO60DR-1250055			30
TO60DR-125020510	2000/5	0,5 - 1	15
TO60DR-12500515			30

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 800/5(17,23Kg), 1000/5(18,13Kg), 1250/5(18,58Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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SOLID CORE CURRENT TRANSFORMERS

MODEL TO.100DR

Sezgin



Made in TURKEY



FEATURES

- CE Certified
- Use with ammeters

ELECTRIAL FEATURES

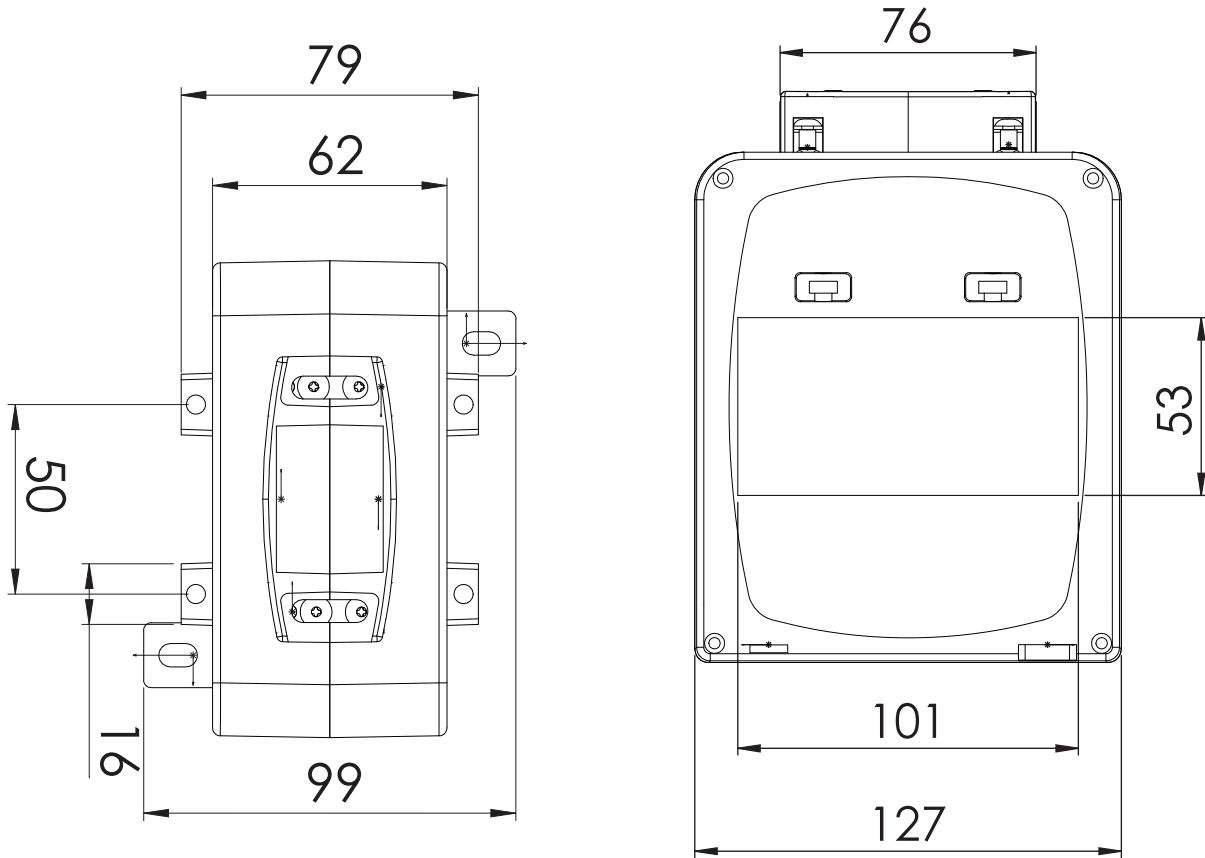
Product Code	Rated Current(A)	Accuracy Class	Power(VA)
TO100DR-10000510 TO100DR-10000515 TO100DR-12000510 TO100DR-12000515 TO100DR-12500510 TO100DR-12500515	1000/5 - 1200/5 - 1250/5	0,5 - 1	10
			15
TO100DR-15000510 TO100DR-15000515 TO100DR-15000530 TO100DR-16000510 TO100DR-16000515 TO100DR-16000530	1500/5 - 1600/5	0,5 - 1	10
			15
			30
TO100DR-20000515 TO100DR-20000530	2000/5	0,5 - 1	15
			30
TO100DR-25000515 TO100DR-25000530	2500/5	0,5 - 1	15
			30
TO100DR-30000515 TO100DR-30000530	3000/5	0,5 - 1	15
			30
TO100DR-32000515 TO100DR-32000530	3200/5	0,5 - 1	15
			30
TO100DR-40000530	4000/5	0,5 - 1	30
TO100DR-50000530	5000/5	0,5 - 1	30

SPECIFICATIONS

Thermal nominal continuous current (I_{eth})	: $1,0 \times I_N$
Thermal nominal short-time current (I_{th})	: $60 \times I_N$, 1 sec
Maximum operating voltage (V_m)	: 0,72kV
Isolation test voltage	: 3kV, V_{eff} , 50 Hz, 1 min
Nominal rated frequency	: 50 Hz
Isolation Class	: E
Over-current limiting factor	: See rating plate
Operation temperature range	: -5C... +40C
Storage temperature range	: -25C... +40C
Unbreakable plastic housing made of polycarbonate	: Flame resistant
Nickel plate sec. terminals with nickel plated screws	: M5 x 8mm
Secondary caps	: Integrated
Package Quantity	: 30pcs.
Weight	: 2000/5(25,20Kg), 2500/5(27,30Kg), 3000/5(29,62Kg), 3200/5(29,90Kg) 4000/5(30,80Kg), 5000/5(32,00Kg)
Custom tariff number	: 85.04.31.29

DIMENSIONS

All dimensions are in mm



SEZGİN CURRENT TRANSFORMERS

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THREE PHASE DETUNED HARMONIC FILTER

Sezgin



FEATURES

- CE Certified
- Detuned Filter Reactors, are used in series with capacitor banks in power factor correction systems. Detuned reactors mitigate the negative effects on system.

Made in TURKEY



ELECTRIAL FEATURES

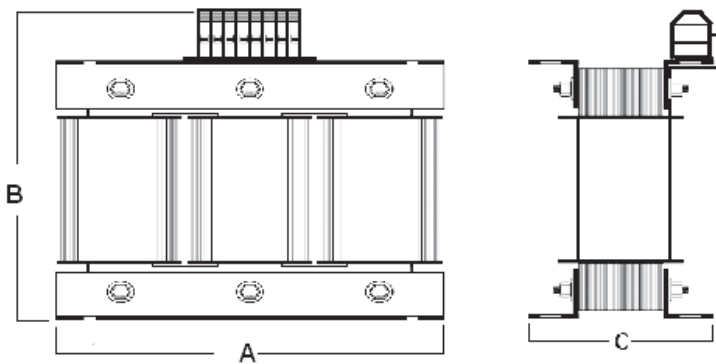
Product Code	Power	(P)	(V)	I rms(A)	Weight
SZG-HF0,83	0,83	7 %	400	1,31	5,15
SZG-HF1,0	1,0	7 %	400	1,59	5,20
SZG-HF1,5	1,5	7%	400	2,38	5,15
SZG-HF2,5	2,5	7 %	400	3,98	5,40
SZG-HF4	4	7 %	400	6,37	6,18
SZG-HF5	5	7 %	400	7,97	6,20
SZG-HF6,25	6,25	7 %	400	9,96	6,30
SZG-HF7,5	7,5	7 %	400	11,95	6,40
SZG-HF10	10	7 %	400	15,94	7,60
SZG-HF12,5	12,5	7 %	400	19,92	8,80
SZG-HF15	15	7 %	400	23,91	14,20
SZG-HF20	20	7 %	400	31,88	15,60
SZG-HF25	25	7 %	400	39,85	15,68
SZG-HF30	30	7 %	400	47,82	20,60
SZG-HF40	40	7 %	400	63,76	31,20
SZG-HF50	50	7 %	400	79,71	31,35
SZG-HF75	75	7 %	400	119,57	63,30
SZG-HF100	100	7 %	400	159,42	93,00

SPECIFICATIONS

DESIGN	: Natural air ventilation
NOMINAL POWERS	: Single Phase 0,10 – 10 kVAr or Three Phase 0,5 – 100 kVAr
NOMINAL VOLTAGE	: 400 VAC
NOMINAL FREQUENCY	: 50 Hz (60 Hz optional)
FACTOR	: $p=7\%$, 189 Hz resonance frequency
INDUCTIVITY TOLERANCE	: $\pm 5\%$
MAGNETIC CIRCUIT	: 0,35 mm silica lamination with high magnetic conductance
COILS	: Electrolytic copper or aluminium coil wire
PROTECTION (ELECTRICAL)	: 120 °C for each phase - 1 NC thermistor
ISOLATION TEST VOLTAGE	: 3000 VAC (between coil and core)
PROTECTION DEGREE	: IP 00 (installation on higher degree cabinet is optional)
ISOLATION CLASS	: Class 1, could be either F 155 °C or H 180 °C
THERMAL CLASS	: Ta 55 °C / F or Ta 60 °C / H
IMPREGNATED	: Class F or H varnish under vacuum, on demand
COOLING	: Naturally T40, fan cooling suggested
RELATIVE HUMIDITY	: %95 Non-condensing (DIN 40040)
OPERATING ALTITUDE	: 0 – 2000 m
OPERATING TEMPERATURE	: -10 °C +40 °C
STORAGE TEMPERATURE	: -10 °C +70 °C
CUSTOMIZATION	: Design option with your grid variables

DIMENSIONS

All dimensions are in mm



KVAr(Qc)	A(mm)	B(mm)	C(mm)
0,83	180	210	95
1	180	210	95
1,5	180	210	95
2,5	180	210	95
4	180	210	105
5	180	210	105
6,25	180	210	105
7,5	180	210	105
10	180	210	106
12,5	180	210	107
15	230	240	130
20	230	240	140
25	230	240	140
30	230	240	155
40	295	320	160
50	295	320	160
75	360	385	190
100	420	440	225

SEZGİN CURRENT TRANSFORMERS

Halil Rifat Paşa Mah. Perpa Ticaret Merkezi B Blok
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SINGLE PHASE SHUNT REACTOR

Sezgin



FEATURES

- CE Certified

Made in TURKEY



ELECTRIAL FEATURES

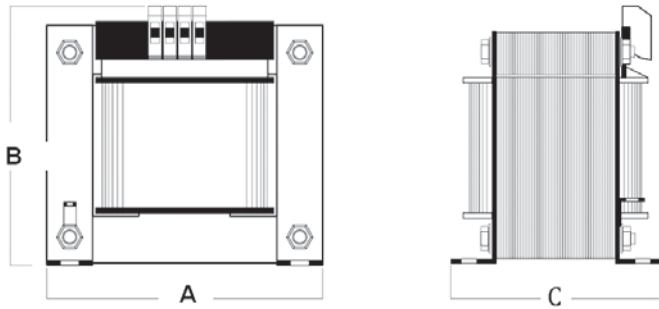
Product Code	Power(kVar)	Voltage(V)	I rms(A)	Weight
SZG-ŞRM0,25	0,25	230	1,09	4,50
SZG-ŞRM0,5	0,5	230	2,17	6,30
SZG-ŞRM1	1	230	4,35	11,00
SZG-ŞRM1,5	1,5	230	6,52	17,60
SZG-ŞRM2	2	230	8,70	17,70
SZG-ŞRM2,5	2,5	230	10,87	17,80
SZG-ŞRM3	3	230	13,04	18,00
SZG-ŞRM5	5	230	21,74	36,00
SZG-ŞRM7,5	7,5	230	32,61	54,20
SZG-ŞRM10	10	230	43,48	54,50

SPECIFICATIONS

DESIGN	: Natural air ventilation
NOMINAL POWERS	: Single Phase 0,10 – 10 kVAr or Three Phase 0,5 – 100 kVAr
NOMINAL VOLTAGE	: 230 VAC
NOMINAL FREQUENCY	: 50 Hz (60 Hz optional)
FACTOR	: $p=7\%$, 189 Hz resonance frequency
INDUCTIVITY TOLERANCE	: $\pm 5\%$
MAGNETIC CIRCUIT	: 0,35 mm silica lamination with high magnetic conductance
COILS	: Electrolytic copper or aluminium coil wire
PROTECTION (ELECTRICAL)	: 120 °C for each phase - 1 NC thermistor
ISOLATION TEST VOLTAGE	: 3000 VAC (between coil and core)
PROTECTION DEGREE	: IP 00 (installation on higher degree cabinet is optional)
ISOLATION CLASS	: Class 1, could be either F 155 °C or H 180 °C
THERMAL CLASS	: Ta 55 °C / F or Ta 60 °C / H
IMPREGNATED	: Class F or H varnish under vacuum, on demand
COOLING	: Naturally T40, fan cooling suggested
RELATIVE HUMIDITY	: %95 Non-condensing (DIN 40040)
OPERATING ALTITUDE	: 0 – 2000 m
OPERATING TEMPERATURE	: -10 °C +40 °C
STORAGE TEMPERATURE	: -10 °C +70 °C
CUSTOMIZATION	: Design option with your grid variables

DIMENSIONS

All dimensions are in mm



KVAr	A(mm)	B(mm)	C(mm)
0,25	120	100	110
0,50	120	100	125
1	150	150	150
1,5	192	230	160
2	192	230	160
2,5	192	230	160
3	192	230	160
5	250	240	170
7,5	300	250	220
10	300	250	220

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Fax : +90 212 255 53 68

THREE PHASE SHUNT REACTOR

Sezgin



FEATURES

- CE Certified

Made in TURKEY



ELECTRIAL FEATURES

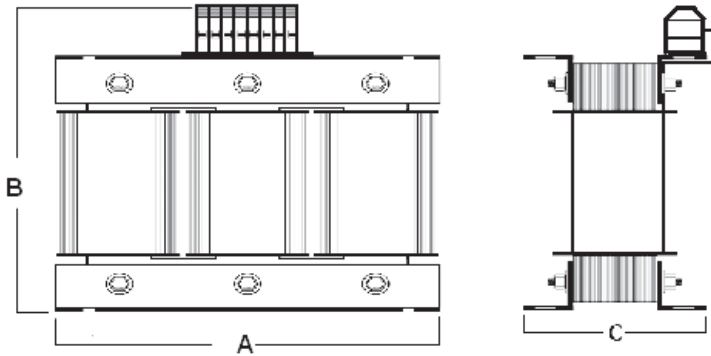
Product Code	Power(kVar)	Voltage (V)	I rms(A)	Weight
SZG-ŞRT0,25	0,25	400	0,36	5,80
SZG-ŞRT0,5	0,5	400	0,72	10,10
SZG-ŞRT1	1	400	1,44	11,00
SZG-ŞRT1,5	1,5	400	2,17	11,50
SZG-ŞRT2	2	400	2,89	19,40
SZG-ŞRT2,5	2,5	400	3,62	19,48
SZG-ŞRT3	3	400	4,34	19,50
SZG-ŞRT5	5	400	7,24	31,00
SZG-ŞRT7,5	7,5	400	10,86	38,20
SZG-ŞRT10	10	400	14,49	63,50
SZG-ŞRT15	15	400	21,73	64,20
SZG-ŞRT20	20	400	28,98	92,60
SZG-ŞRT25	25	400	36,23	92,75
SZG-ŞRT30	30	400	43,47	96,40
SZG-ŞRT40	40	400	57,97	160,10
SZG-ŞRT50	50	400	72,46	225,00

SPECIFICATIONS

DESIGN	: Natural air ventilation
NOMINAL POWERS	: Single Phase 0,10 – 10 kVAr or Three Phase 0,5 – 100 kVAr
NOMINAL VOLTAGE	: 400 VAC
NOMINAL FREQUENCY	: 50 Hz (60 Hz optional)
FACTOR	: $p=7\%$, 189 Hz resonance frequency
INDUCTIVITY TOLERANCE	: $\pm 5\%$
MAGNETIC CIRCUIT	: 0,35 mm silica lamination with high magnetic conductance
COILS	: Electrolytic copper or aluminium coil wire
PROTECTION (ELECTRICAL)	: 120 °C for each phase - 1 NC thermistor
ISOLATION TEST VOLTAGE	: 3000 VAC (between coil and core)
PROTECTION DEGREE	: IP 00 (installation on higher degree cabinet is optional)
ISOLATION CLASS	: Class 1, could be either F 155 °C or H 180 °C
THERMAL CLASS	: Ta 55 °C / F or Ta 60 °C / H
IMPREGNATED	: Class F or H varnish under vacuum, on demand
COOLING	: Naturally T40, fan cooling suggested
RELATIVE HUMIDITY	: %95 Non-condensing (DIN 40040)
OPERATING ALTITUDE	: 0 – 2000 m
OPERATING TEMPERATURE	: -10 °C +40 °C
STORAGE TEMPERATURE	: -10 °C +70 °C
CUSTOMIZATION	: Design option with your grid variables

DIMENSIONS

All dimensions are in mm



KVAr	A(mm)	B(mm)	C(mm)
0,25	180	210	95
0,50	180	210	107
1	180	210	107
1,5	180	210	107
2	265	270	125
2,5	265	270	140
3	265	270	140
5	300	320	190
7,5	300	320	210
10	360	370	240
15	360	340	240
20	430	450	260
25	430	450	260
30	430	450	260
40	520	480	280
50	570	530	300

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