



Product Identification

Compact type current transformers are suitable for primary current from 20A to 200A and they have sealable terminal cover.

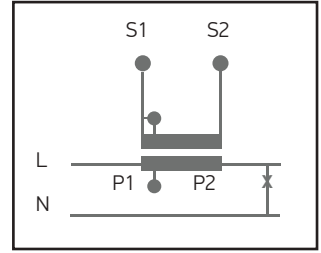
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

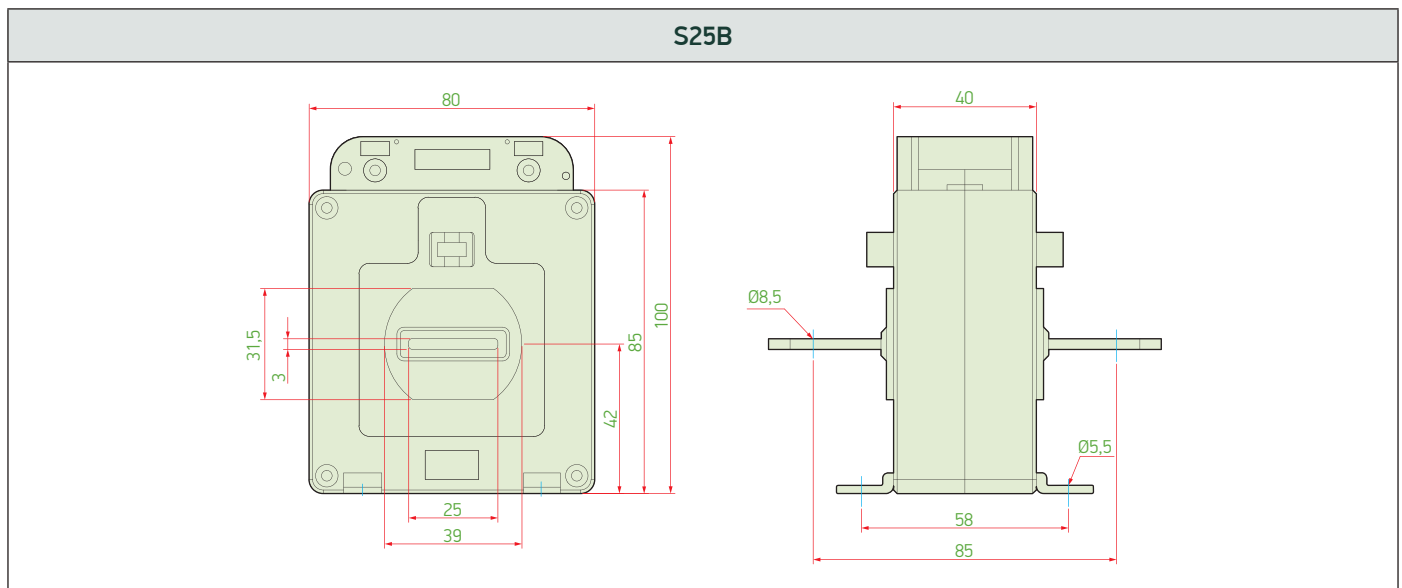
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	3,75 - 20 VA
Rated primary current	From 20A to 200A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S25B	Max. burden against class index (at 5A)				
Bus Bar (mm)	-				
Cable Ø (mm)	-				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
20	3,75	3,75	10	15	15
25	3,75	3,75	10	15	15
30	3,75	3,75	10	15	15
40	3,75	3,75	10	15	15
50	3,75	3,75	10	15	20
60	3,75	3,75	10	15	20
75	3,75	3,75	10	15	20
100	3,75	3,75	10	15	20
125	3,75	3,75	10	15	20
160	3,75	3,75	10	15	20
150	3,75	3,75	10	15	20
200	3,75	3,75	10	15	20

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 50A to 600A and they have sealable terminal cover.

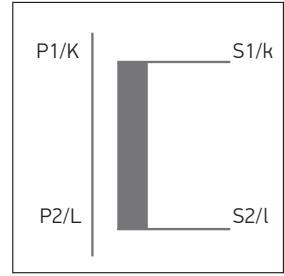
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

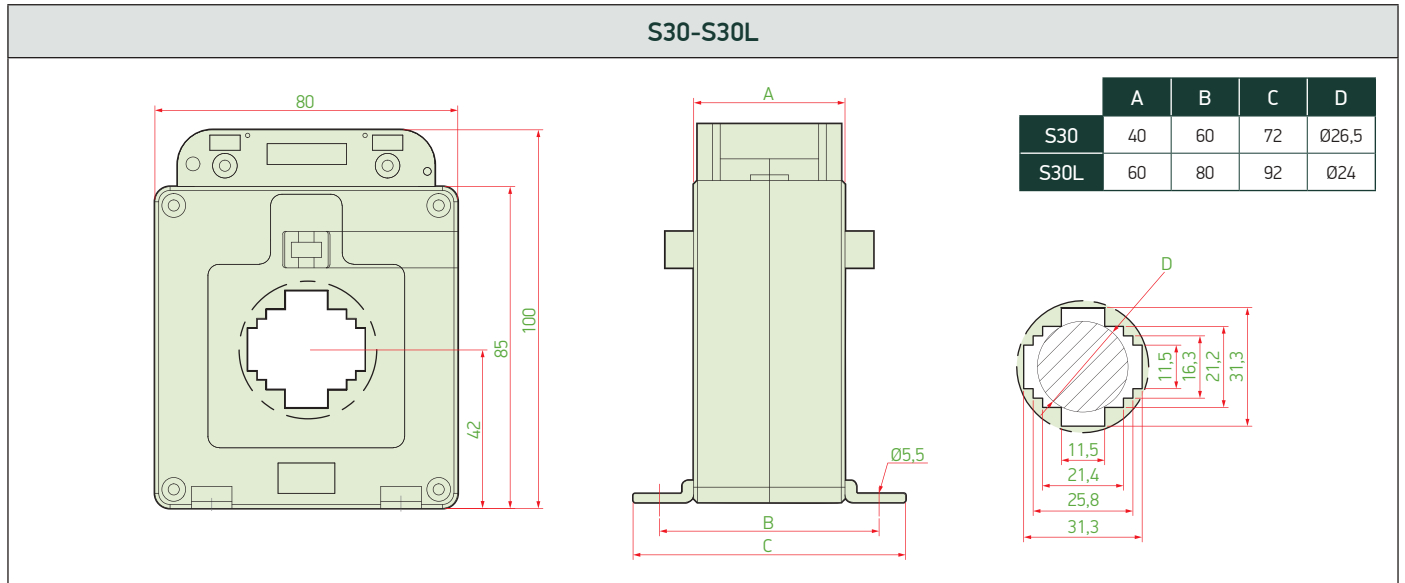
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100xIn / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	2.5 - 20 VA
Rated primary current	From 50A to 600A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S30-S30L	Max. burden against class index (at 5A)				
Bus Bar (mm)	20x10/30x10				
Cable Ø (mm)	24				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
50	---	---	---	2,5	2,5
60	---	---	---	2,5	2,5
75	---	---	2,5	7,5	7,5
100	---	---	5	7,5	10
125	---	---	5	10	10
150	---	---	10	10	15
200	2,5	2,5	10	10	15
250	3,75	3,75	10	10	15
300	5	5	10	10	15
400	5	5	10	10	15
500	7,5	7,5	10	10	20
600	10	10	10	10	20

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 50A to 600A and they have sealable terminal cover.

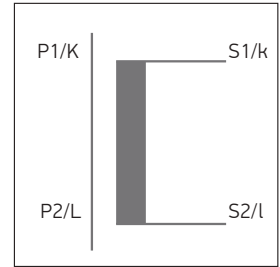
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

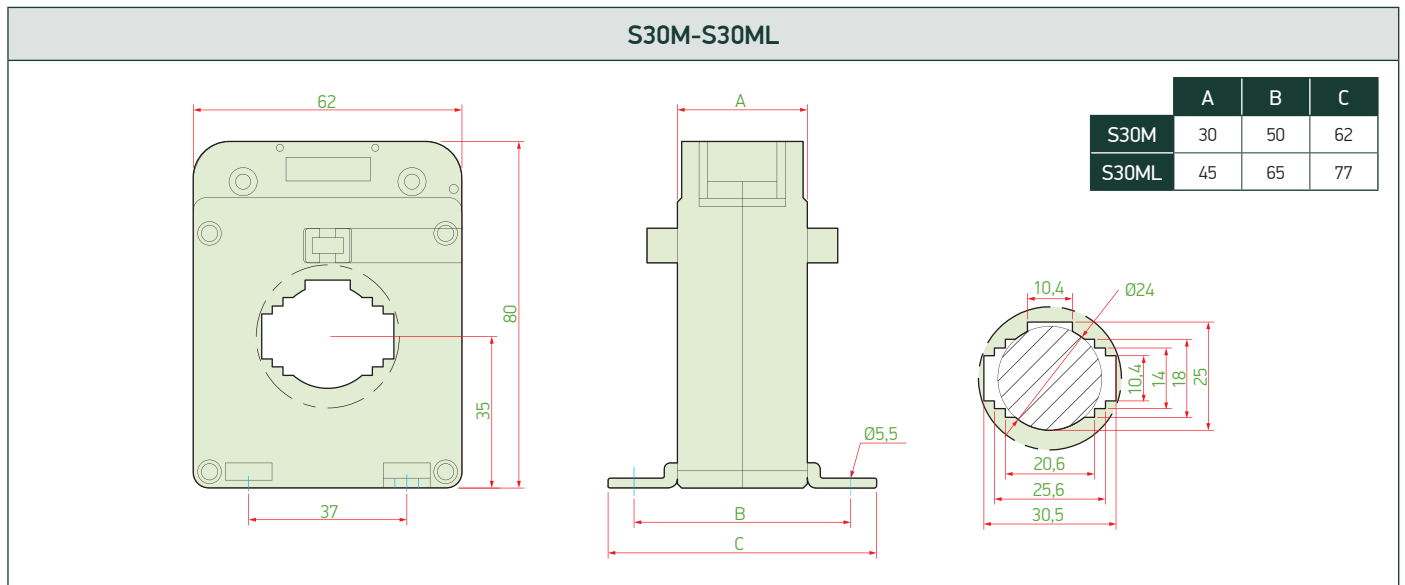
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100xIn / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	1,25 - 10 VA
Rated primary current	From 50A to 600A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S30M-S30ML	Max. burden against class index (at 5A)				
Bus Bar (mm)	20x10/30x10				
Cable Ø (mm)	24				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
50	---	---	---	1,5	1,25
60	---	---	---	1,5	2,5
75	---	---	---	2,5	2,5
100	---	---	2,5	2,5	3,75
125	---	---	2,5	2,5	7,5
150	---	---	5	5	7,5
200	---	---	5	5	10
250	---	---	10	10	10
300	---	---	10	10	10
400	---	---	10	10	10
500	---	---	10	10	10
600	---	---	10	10	10

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 150A to 800A and they have sealable terminal cover.

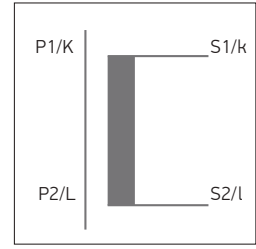
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

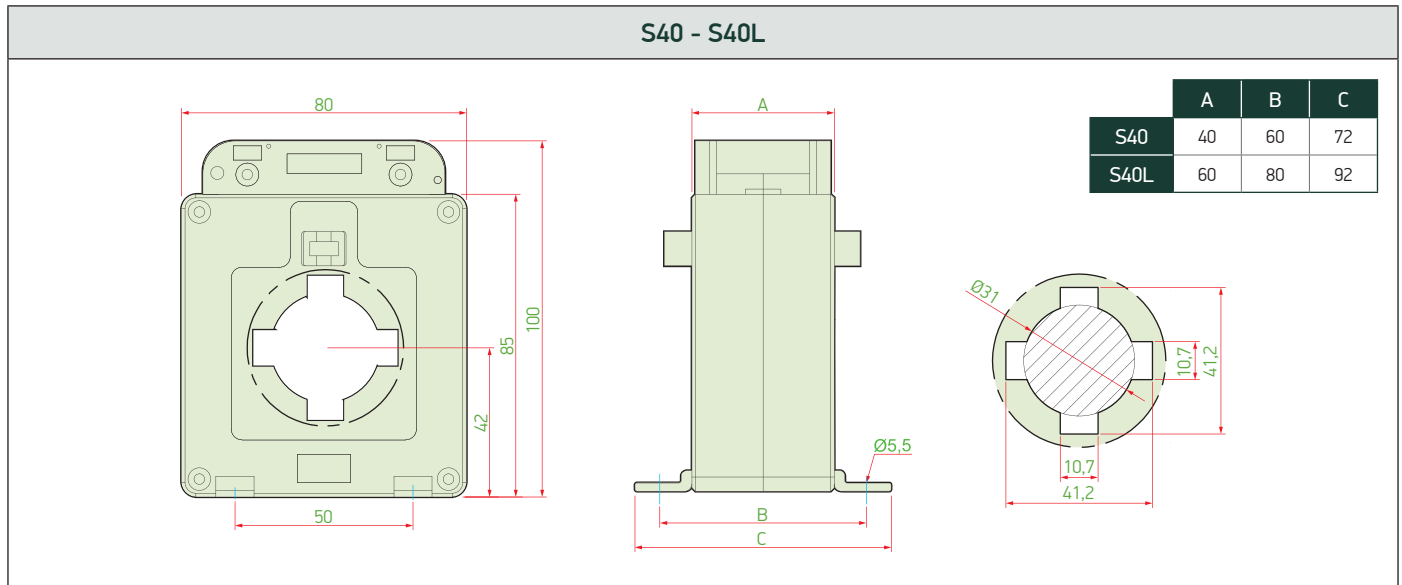
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100xIn / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	2,5 - 30 VA
Rated primary current	From 150A to 800A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S40	Max. burden against class index (at 5A)				
Bus Bar (mm)	40x10				
Cable Ø (mm)	31				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
150	---	---	5	5	5
200	---	---	10	10	7,5
250	---	---	15	15	15
300	2,5	2,5	15	15	15
400	3,75	3,75	15	15	20
500	5	5	15	15	20
600	7,5	7,5	15	15	30
800	7,5	7,5	15	15	30

Dimensions



Product Identification

Compact type current transformers are suitable for primary current from 250A to 1000A and they have sealable terminal cover.

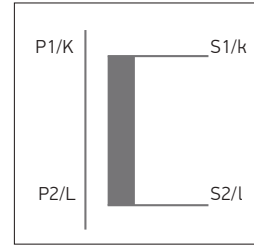
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100xIn / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	2,5 - 20 VA
Rated primary current	From 250A to 1000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S50	Max. burden against class index (at 5A)				
Bus Bar (mm)	50x10				
Cable Ø (mm)	38				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
250	---	---	---	3,75	5
300	---	---	2,5	5	7,5
400	---	---	5	7,5	15
500	---	---	10	10	15
600	3,75	5	10	15	20
800	5	7,5	15	15	20
1000	10	10	15	15	20

Dimensions

S50 - S50L

Technical drawing showing the front view of the transformer. The overall width is 80 and the overall height is 100. The central cross-shaped cutout has a width of 50 and a height of 42. The distance from the top edge to the center of the cross is 85.

Technical drawing showing the side view of the transformer. The total height is labeled A. The base width is labeled B, and the base length is labeled C. A small dimension of Ø5,5 is indicated at the base corner.

Technical drawing showing the top view of the transformer. The outer diameter is 51, and the inner diameter of the central hole is 11. The distance from the center to the edge of the cross-shaped cutout is labeled D.

	A	B	C	D
S50	40	60	72	Ø42
S50L	60	80	92	Ø38



Product Identification

Compact type current transformers are suitable for primary current from 300A to 1600A and they have sealable terminal cover.

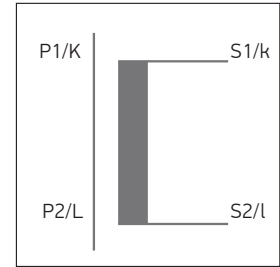
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels..



Application Diagram



Technical Specifications

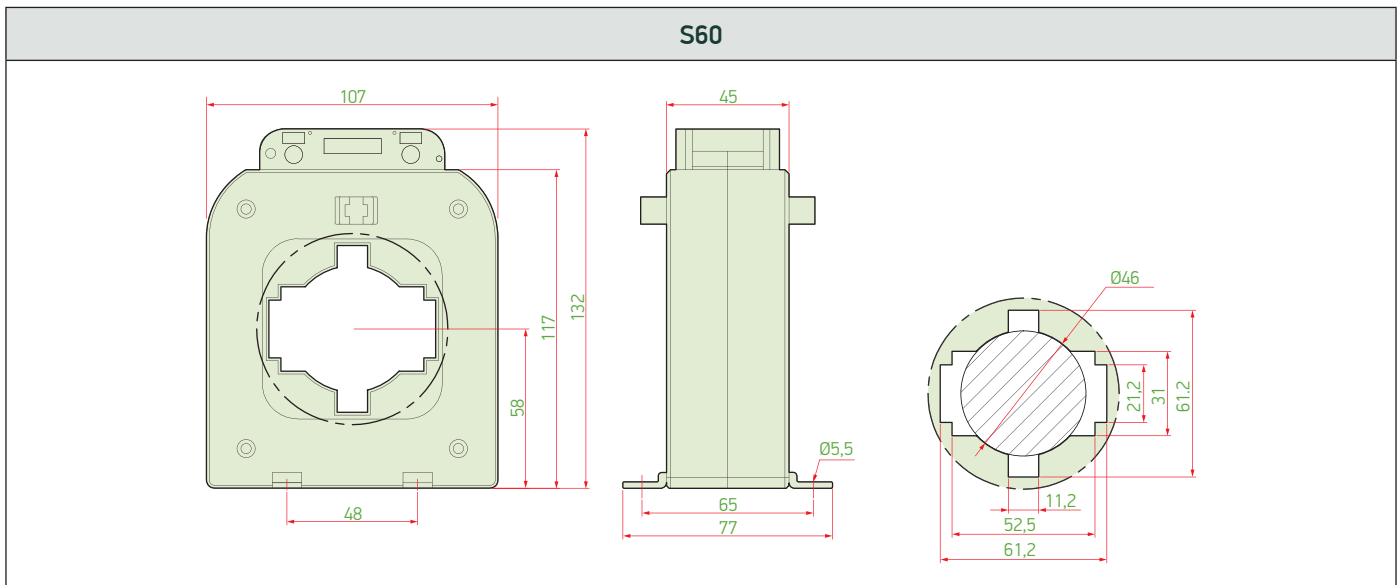
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	3,75 - 30 VA
Rated primary current	From 300A to 1600A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S60	Max. burden against class index (at 5A)				
Bus Bar (mm)	60x10				
Cable Ø (mm)	46				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
300	---	---	3,75	5	12,5
400	---	---	5	7,5	15
500	5	5	7,5	10	15
600	3,75	3,75	10	15	20
750	5	5	15	15	20
800	5	5	15	15	30
1000	7,5	7,5	15	15	30
1200	7,5	7,5	15	15	30
1250	7,5	7,5	15	15	30
1500	10	10	15	15	30
1600	15	15	15	15	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 200A to 400A and they have sealable terminal cover.

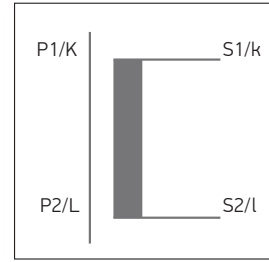
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels..



Application Diagram



Technical Specifications

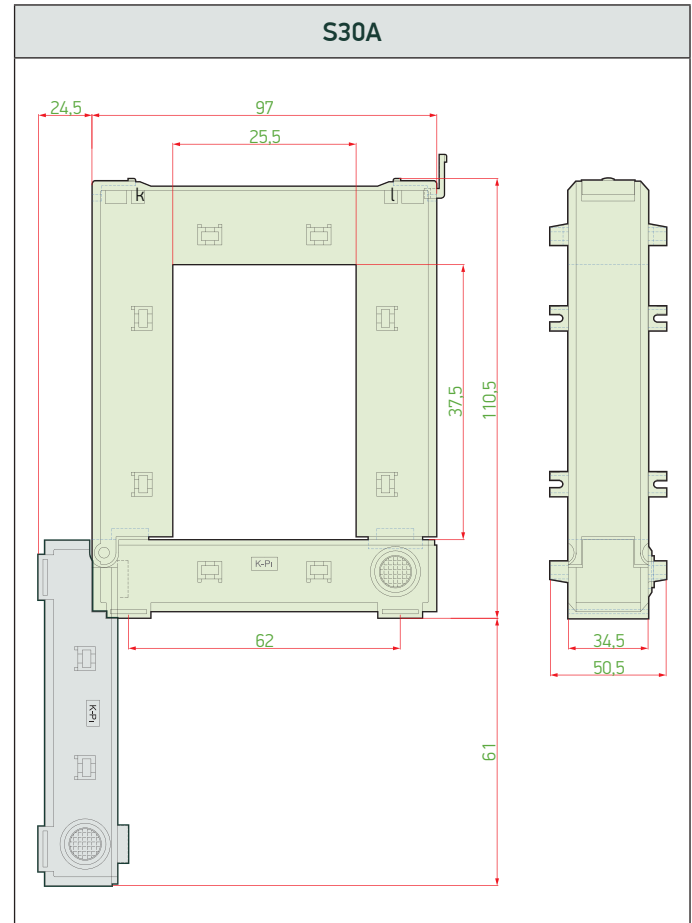
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	<5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	1
Burden	1,5 - 3,75 VA
Rated primary current	From 200A to 400A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S30A	Max. burden against class index (at 5A)				
Bus Bar (mm)	30x10				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
200	---	---	---	1,5	---
250	---	---	---	2,5	---
300	---	---	---	2,5	---
400	---	---	---	3,75	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 400A to 1000A and they have sealable terminal cover.

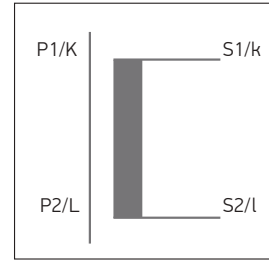
Application

Fit for measurement applications in AC power systems.

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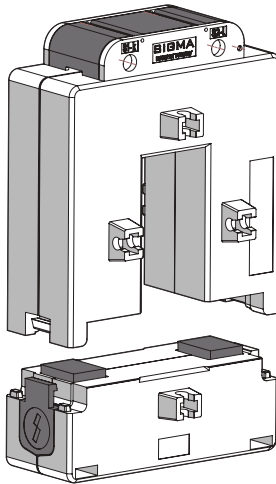
Application Diagram



Technical Specifications

Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 10
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	3,75 - 15 VA
Rated primary current	From 400A to 1000A
Rated secondary current	5A

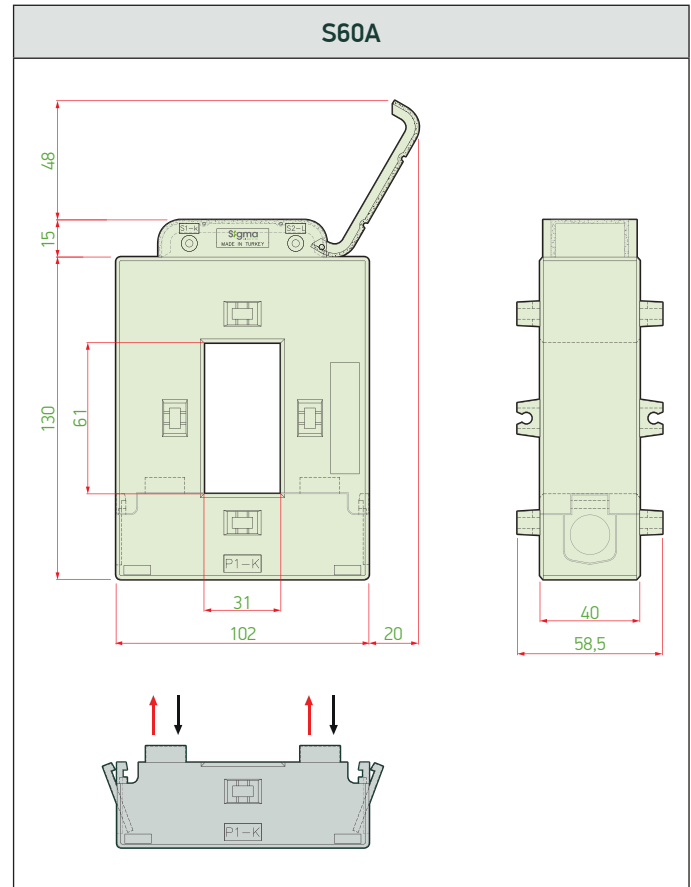
Note: Additional information is provided upon request.



Feasibility Table

S60A	Max. burden against class index (at 5A)				
Bus Bar (mm)	60x10				
Cable Ø (mm)	31				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
400	---	---	---	3,75	5
500	---	---	---	5	7,5
600	---	---	5	7,5	10
800	---	---	7,5	10	12,5
1000	---	---	10	15	15

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 1200A to 4000A and they have sealable terminal cover.

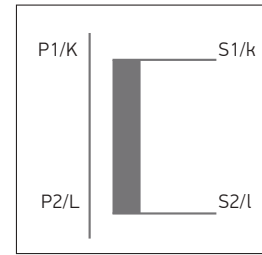
Application

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Application Diagram



Technical Specifications

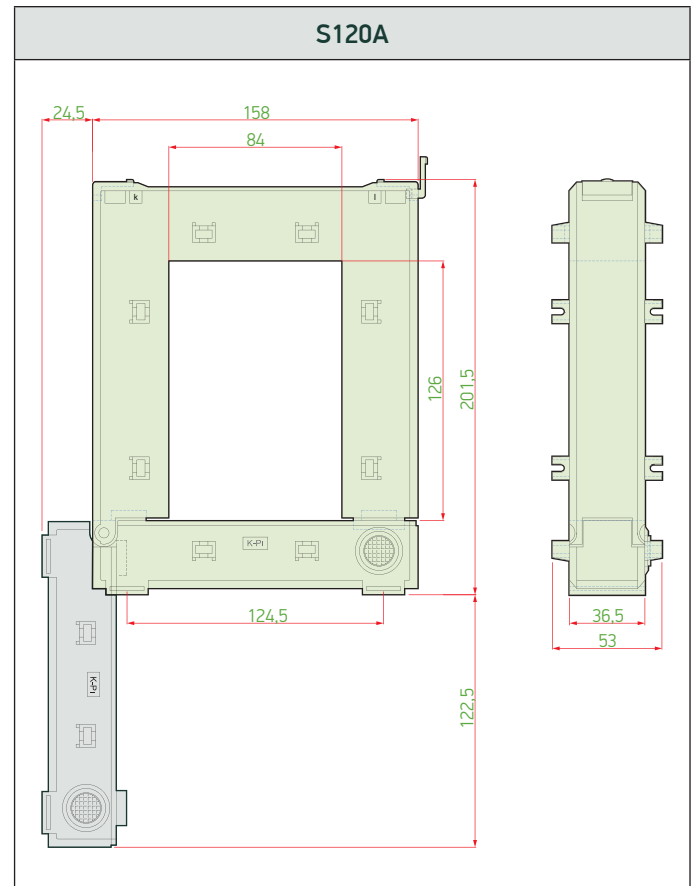
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60 kA 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5
Burden	10 - 15 VA
Rated primary current	From 1200A to 4000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S120A	Max. burden against class index (at 5A)				
Bus Bar (mm)	160x80				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
1200	---	---	10	---	---
1600	---	---	10	---	---
2000	---	---	15	---	---
2500	---	---	15	---	---
3000	---	---	15	---	---
4000	---	---	15	---	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 600A to 2500A and they have sealable terminal cover.

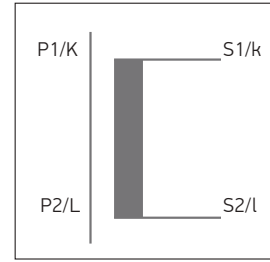
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

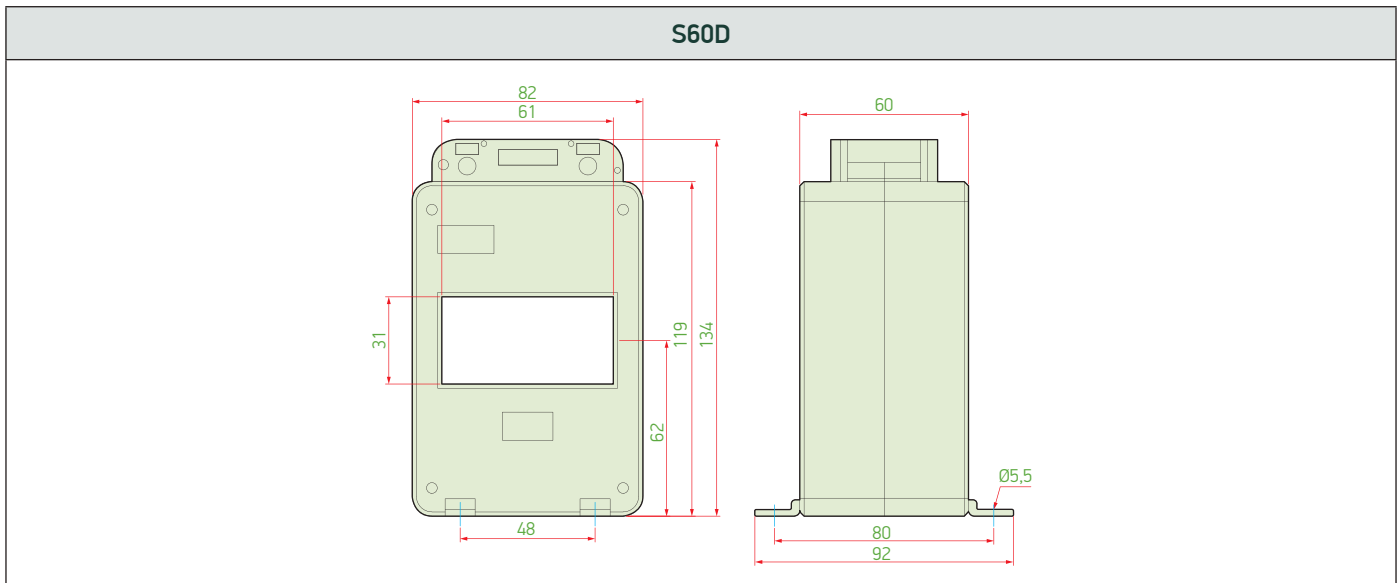
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	5 - 30 VA
Rated primary current	From 600A to 2500A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S60D	Max. burden against class index (at 5A)				
Bus Bar (mm)	60x10				
Cable Ø (mm)	31				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
600	---	---	5	5	10
750	---	---	10	10	15
800	---	---	15	15	15
1000	---	---	15	15	15
1200	---	---	15	15	15
1250	---	---	15	15	30
1500	---	---	15	15	30
1600	---	---	15	15	30
2000	---	---	15	15	30
2500	---	---	15	15	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 750A to 2000A and they have sealable terminal cover.

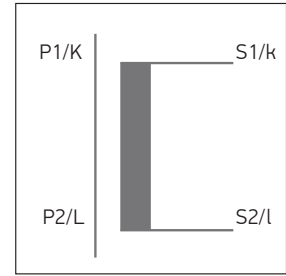
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

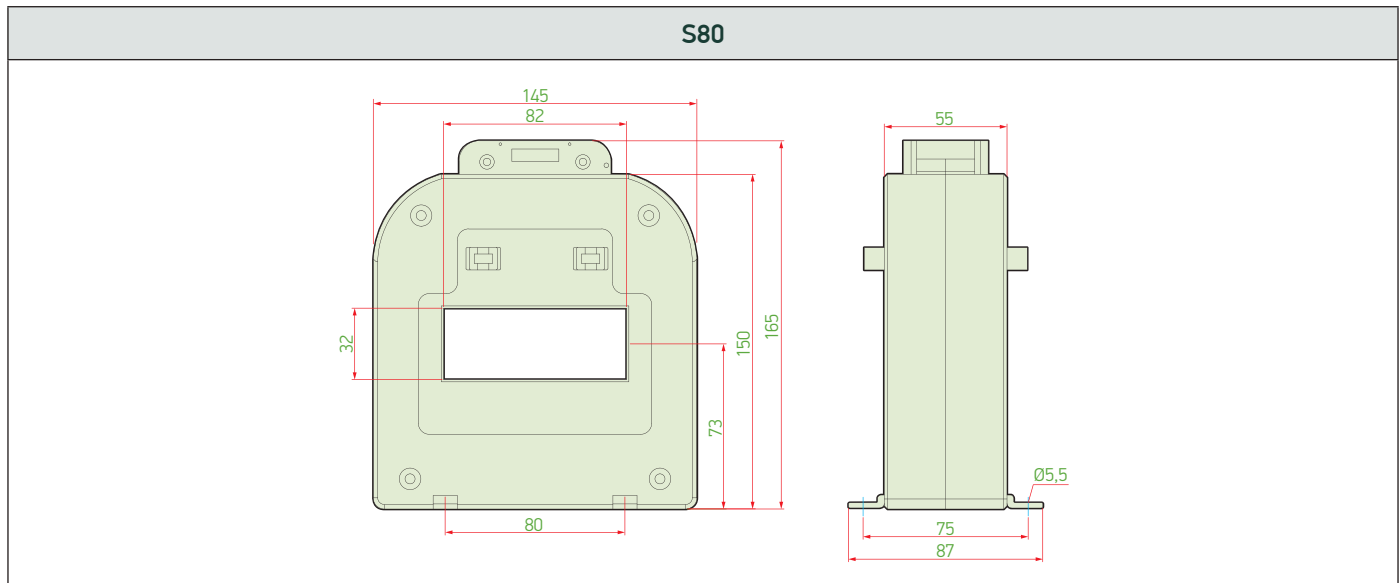
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100kA 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	2.5-30
Rated primary current	From 750A to 2000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S80	Max. burden against class index (at 5A)				
Bus Bar (mm)	2(80x10)				
Cable Ø (mm)	31				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
750	2,5	2,5	10	10	15
800	3,75	3,75	10	10	15
1000	5	5	15	15	15
1200	5	5	15	15	15
1250	5	5	15	15	15
1500	7,5	7,5	15	15	15
1600	10	10	15	15	15
2000	15	15	15	15	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 750A to 3000A and they have sealable terminal cover.

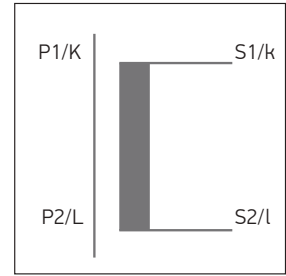
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

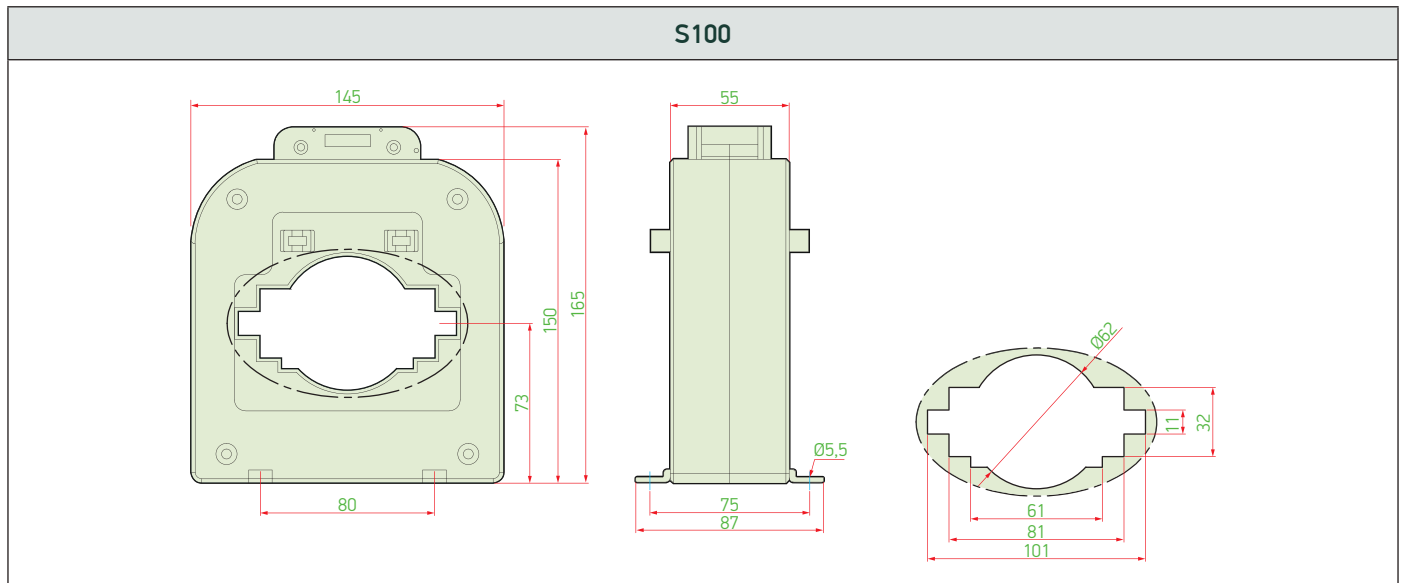
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100kA 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	2,5 - 30 VA
Rated primary current	From 750A to 3000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S100	Max. burden against class index (at 5A)				
Bus Bar (mm)	100x10				
Cable Ø (mm)	62				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
750	2,5	2,5	10	10	10
800	3,75	3,75	10	15	15
1000	5	5	15	15	15
1200	5	5	15	15	15
1250	5	5	15	15	15
1500	7,5	7,5	15	15	15
1600	10	10	15	15	30
2000	15	15	30	15	30
2500	15	15	30	15	30
3000	15	15	30	30	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 800A to 4000A and they have sealable terminal cover.

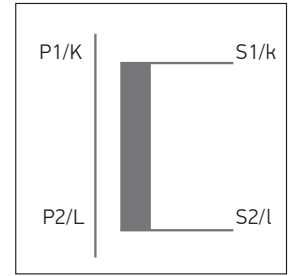
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

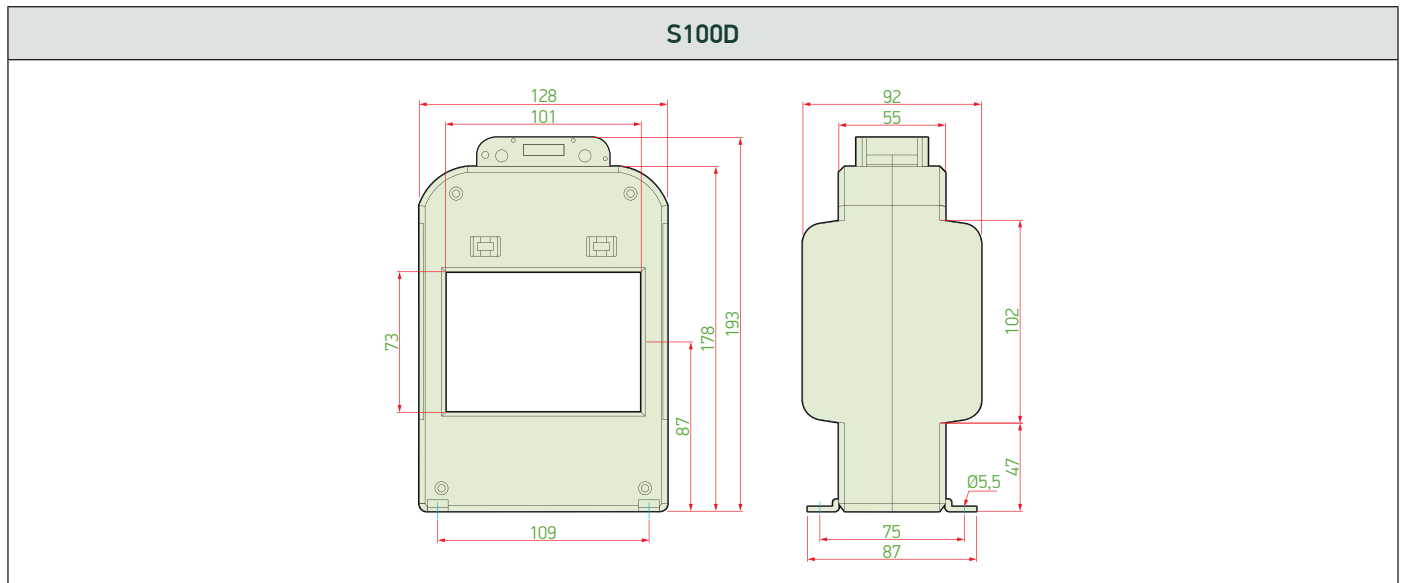
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100kA 1 sn
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	10 - 30 VA
Rated primary current	From 800A to 4000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S100D	Max. burden against class index (at 5A)				
Bus Bar (mm)	4 (100x10)				
Cable Ø (mm)	70				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
800	---	---	10	10	20
1000	---	---	10	15	20
1200	---	---	15	15	30
1250	---	---	15	15	30
1500	---	---	15	15	30
1600	---	---	15	15	30
2000	---	---	15	15	30
2500	---	---	30	30	30
3000	---	---	30	30	30
3200	---	---	30	30	30
4000	---	---	30	30	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 1250A to 5000A and they have sealable terminal cover.

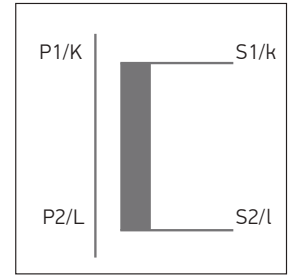
Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Application Diagram



Technical Specifications

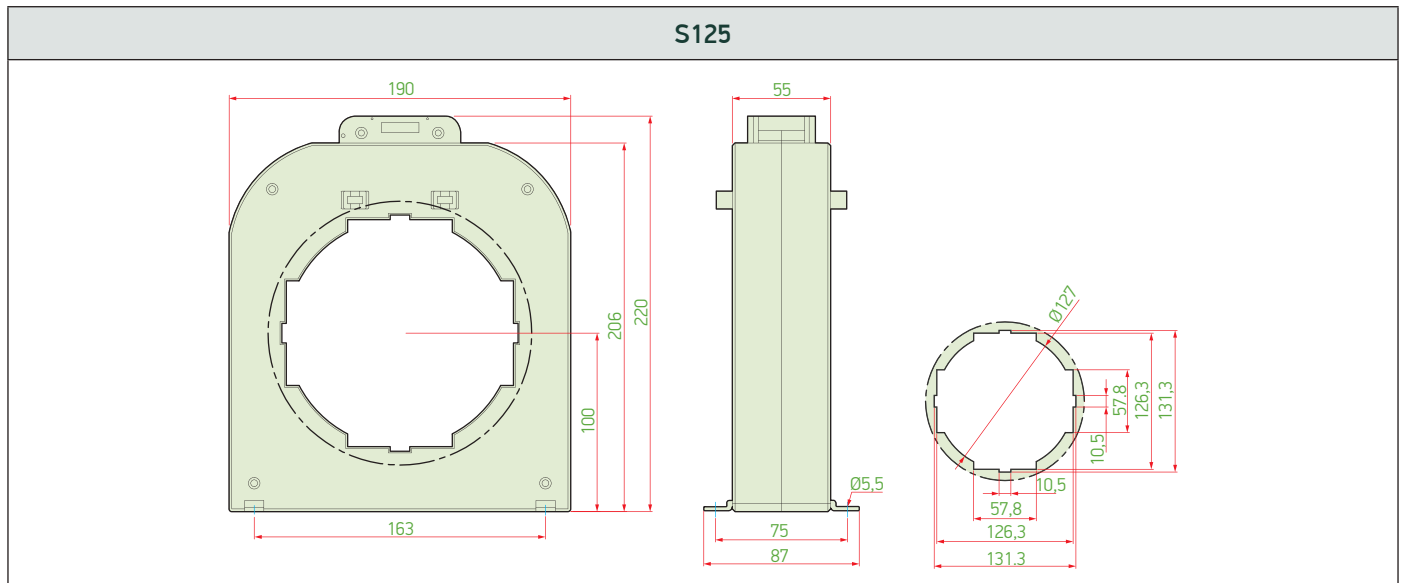
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100kA 1 sn
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.2s-0.2-0.5-1-3
Burden	3,75 - 30 VA
Rated primary current	From 1250A to 5000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

S125	Max. burden against class index (at 5A)				
Bus Bar (mm)	3 (125x10)				
Cable Ø (mm)	126				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
1250	---	---	15	15	15
1500	---	---	15	15	15
1600	3,75	3,75	15	15	15
2000	5	5	15	15	30
2500	5	5	15	15	30
3000	10	10	30	30	30
3200	15	15	30	30	30
4000	15	15	30	30	30
5000	15	15	30	30	30

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 50A to 300A and they have sealable terminal cover.

Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Technical Specifications

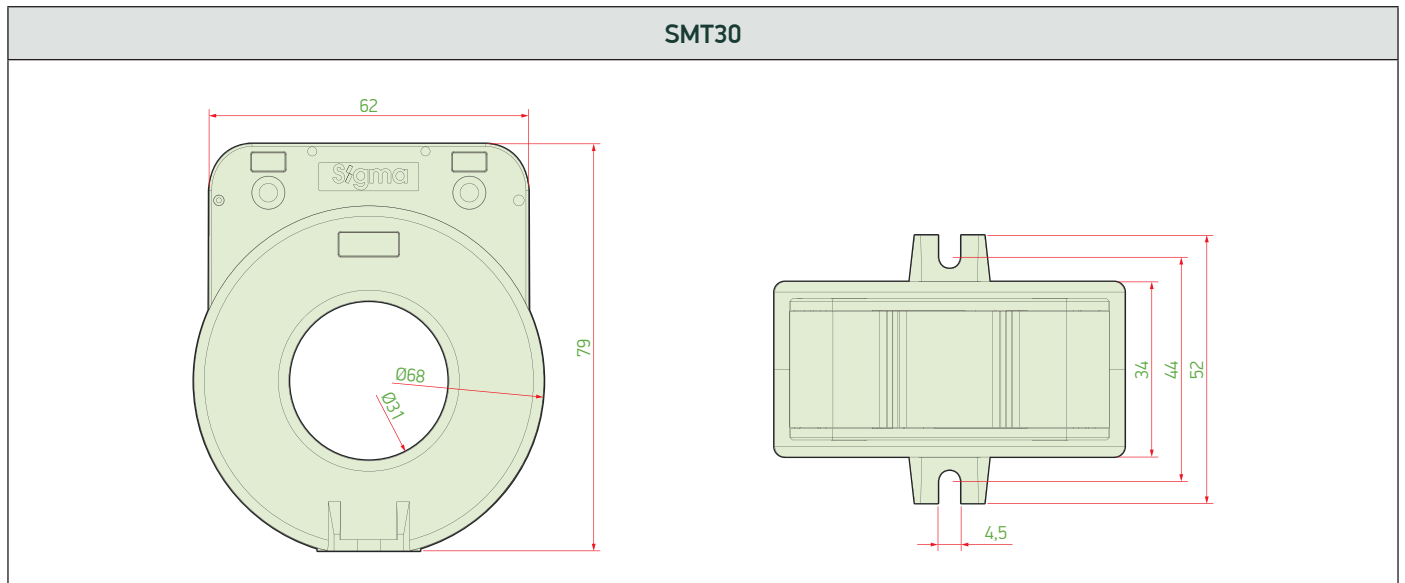
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	1,5 - 5 VA
Rated primary current	From 50A to 300A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

SMT30	Max. burden against class index (at 5A)				
Bus Bar (mm)	30				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
50	---	---	---	---	1,5
60	---	---	---	---	2,5
75	---	---	---	---	2,5
100	---	---	---	---	2,5
125	---	---	---	---	2,5
150	---	---	---	---	2,5
200	---	---	---	---	2,5
250	---	---	---	2,5	---
300	---	---	5	---	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 100A to 600A and they have sealable terminal cover.

Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Technical Specifications

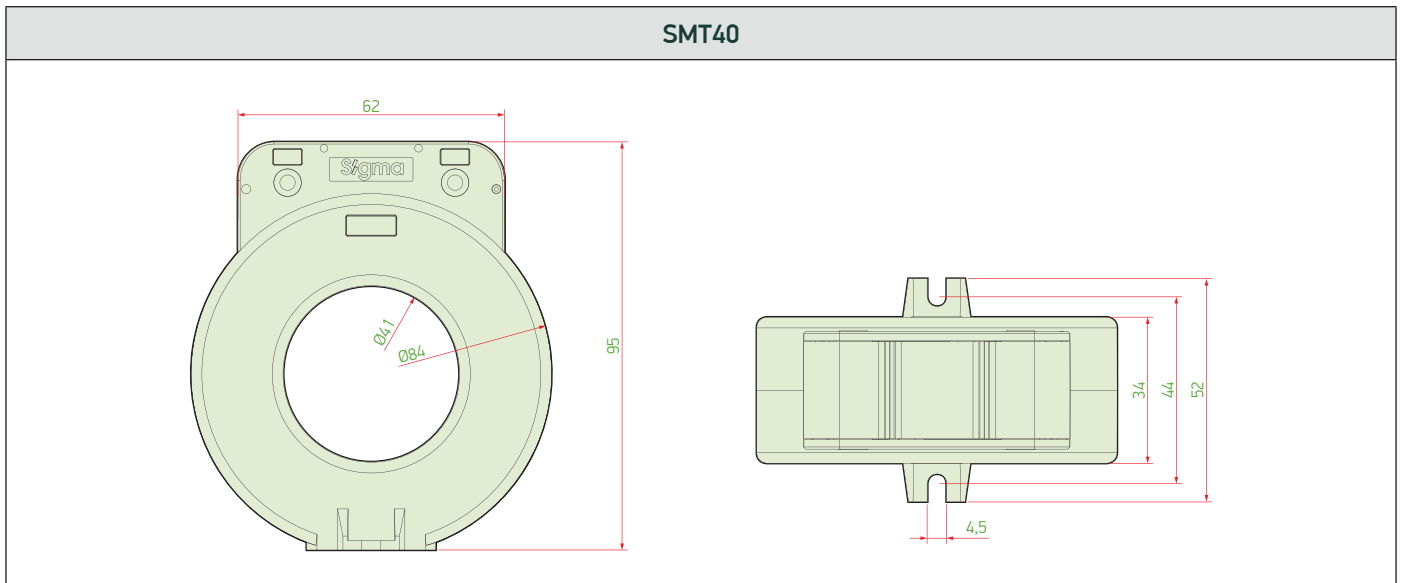
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	60xIn / 1 sec.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5-1-3
Burden	2,5 - 5 VA
Rated primary current	From 100A to 600A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

SMT40	Max. burden against class index (at 5A)				
Bus Bar (mm)	40				
Cable Ø (mm)	70				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
100	---	---	---	---	2,5
150	---	---	---	---	2,5
200	---	---	---	---	2,5
300	---	---	---	2,5	---
400	---	---	5	---	---
500	---	---	5	---	---
600	---	---	5	---	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 800A to 1500A and they have sealable terminal cover.

Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Technical Specifications

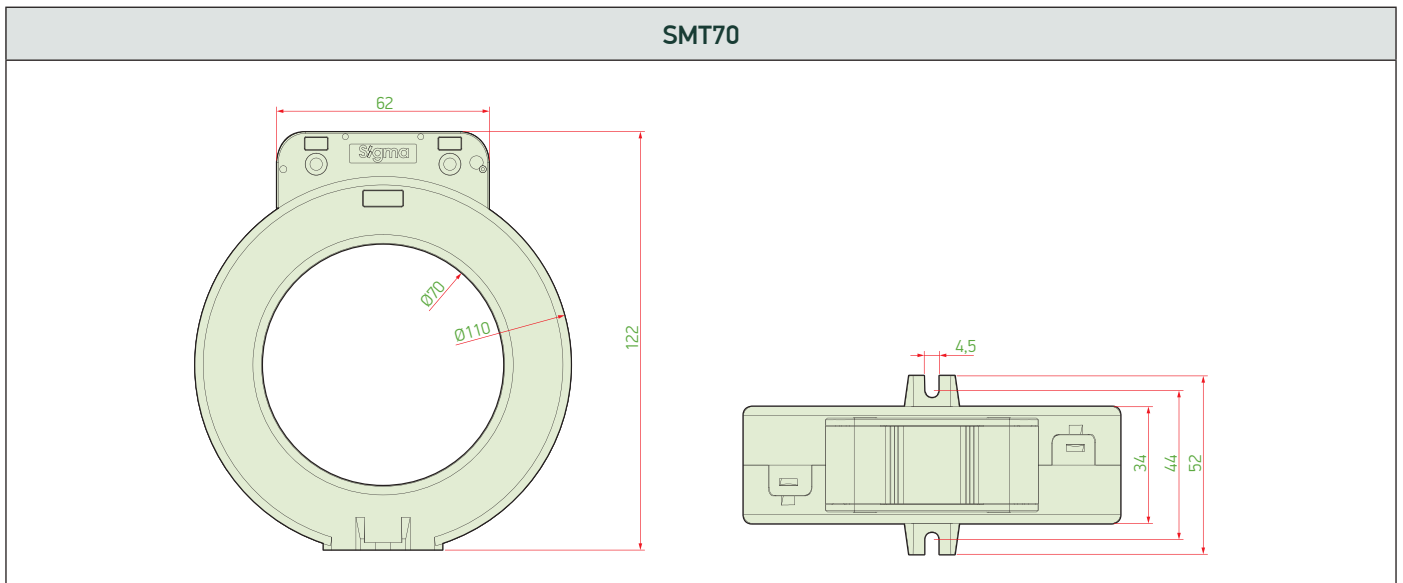
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	40 kA / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5
Burden	5 - 10 VA
Rated primary current	From 800A to 1500A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

SMT70	Max. burden against class index (at 5A)				
Bus Bar (mm)	70				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
I _p (A)	VA				
800	---	---	5	---	---
1000	---	---	10	---	---
1200	---	---	10	---	---
1250	---	---	10	---	---
1500	---	---	10	---	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 800A to 2500A and they have sealable terminal cover.

Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Technical Specifications

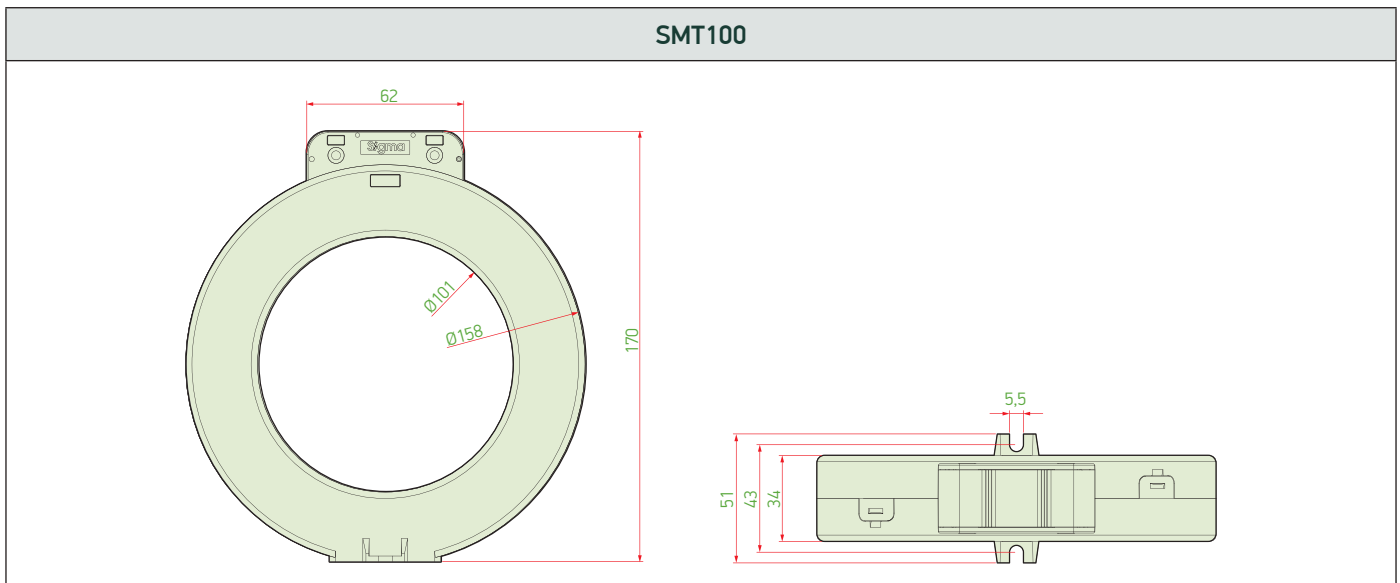
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	40 kA / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5
Burden	5 - 15 VA
Rated primary current	From 800A to 2500A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

SMT100	Max. burden against class index (at 5A)				
Bus Bar (mm)	100				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
I _p (A)	VA				
800	---	---	5	---	---
1000	---	---	5	---	---
1250	---	---	10	---	---
1600	---	---	15	---	---
2000	---	---	15	---	---
2500	---	---	15	---	---

Dimensions





Product Identification

Compact type current transformers are suitable for primary current from 2000A to 5000A and they have sealable terminal cover.

Application

Fit for measurement applications in AC power systems.

For measurement and application in low voltage panels.



Technical Specifications

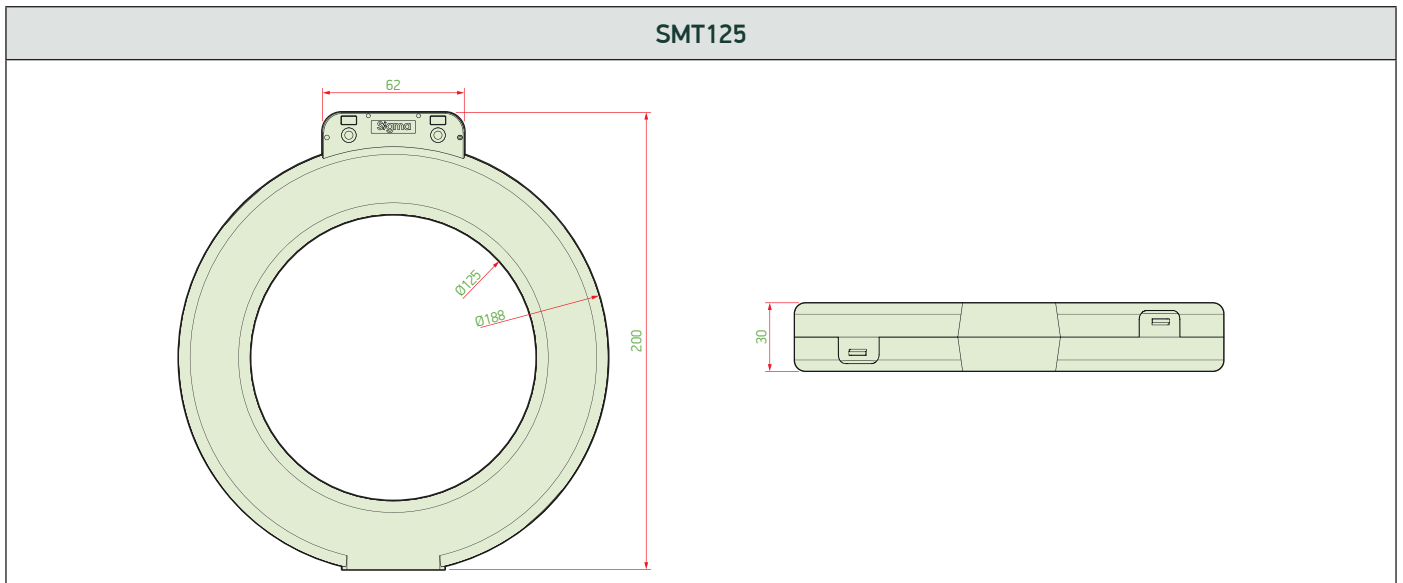
Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	40 kA / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5
Burden	10 - 30 VA
Rated primary current	From 2000A to 5000A
Rated secondary current	5A

Note: Additional information is provided upon request.

Feasibility Table

SMT125	Max. burden against class index (at 5A)				
Bus Bar (mm)	125				
Cable Ø (mm)					
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
2000	---	---	10-15	---	---
2500	---	---	10-15	---	---
3000	---	---	15-30	---	---
4000	---	---	15-30	---	---
5000	---	---	15-30	---	---

Dimensions





Product Identification

S20MCS type current transformers is available 160A, S20MD type current transformers are available 250, 400, 630A primary current rates. They can be sealed if required. Nickel coated brass is used for secondary transformer outputs.

Application

It is used for energy measurement with Sigma Vertical Type fuse switch disconnectors. It is suitable for measurement purposes in low voltage panels.



Technical Specifications

Standard	IEC 61869-2
Rated operating voltage (Un)	720V
Rated frequency	50/60Hz
Operating ambient temperature	-20/75°C
Storage temperature	-50/80°C
Maximum relative humidity	Up to 95%
Rated thermal continuous current	1.2xIn
Rated short-time thermal current (Ith)	100xIn / 1 sn.
Rated dynamic current (Idyn)	2.5 x Ith / 1 period
Rated power frequency withstand voltage	3kV (50 Hz) / 1 min.
Thermal class of insulation	E (120°C max.)
Degree of protection	IP20
Instrument security factor	< 5
Secondary terminals	Nickel plated brass material
Recommended tightening torque	For 2 Nm secondary terminal screws
Accuracy class	0.5
Burden	2,5 VA
Rated primary current	160A-250A-400A-630A
Rated secondary current	1A

Note: Additional information is provided upon request.

Feasibility Table

	Max. burden against class index (at 5A)				
Bus Bar (mm)	-				
Cable Ø (mm)	-				
Accuracy (cl)	0.2s	0.2	0.5	1	3
Ip(A)	VA				
160	-	-	2,5	-	-
250	-	-	2,5	-	-
400	-	-	2,5	-	-
630	-	-	2,5	-	-

Dimensions

