TA500 1000/5

TA500 1000/5, Current transformers

Code: M705A2.

> Flat strip(mm): 100 x 30
> System: Single-phase
> Class 0,5 Power (VA): 15
> Class 1 Power (VA): 20
> Class 3 Power (VA): 30
> Measurement Range (A): 1000/5
> Input current: 1000 A
> Transformer type: Closed core

Description

- Types: from 750 to 5000 A
- Busbar dimensions: from 20 x 100 mm to 60 x 125 mm
- Transformer certificate sheet is attached

Application

Converting a high nominal current to a lower current so that it can be measured by the unit. In installations where the electrical supply can be interrupted to install transformers.

TA500 1000/5

Current transformers

Code: M705A2.

Specifications

Electrical characteristics

Safety factor (SF)	FS < 5
Power	15 VA (Class 0,5)

Mechanical characteristics

Size (mm) width x height x depth	115 x 185 x 63 (mm)
Envelope	Plastic wrap V0 self-extinguishing
Fastening	DIN rail with accessory
Weight (kg)	0,865

Environmental characteristics

Thermal Class	Class B (+130 °C)

Specific technical characteristics of current sensors

Operating voltage	0,72 kV~ max.

Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	1000 A
Dynamic current (Idyn)	2,5 Ith
Thermal short-circuit current (Ith)	60 In
Transformation ratio	... / 5 A

Standards

Standards	IEC 61869-2, UNE 21 088-1, UL 94, VDE 0414

TA500
Current transformers, flat strip 100x30 mm

CODE	TYPE	Measurement Range (A)	Flat strip(mm)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
TA400						
M70591.	TA400 400/5A	400/5	100 x 20	5	10	15
M70592.	TA400 500/5A	500/5	100 x 20	15	20	30
M70593.	TA400 600/5A	600/5	100 x 20	15	20	30
M70594.	TA400 750/5A	750/5	100 x 20	15	20	30
M70595.	TA400 800/5A	800/5	100 x 20	15	20	30
M70596.	TA400 1000/5A	1000/5	100 x 20	15	20	30

Creation date: 10/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

TA500 1000/5

Current transformers

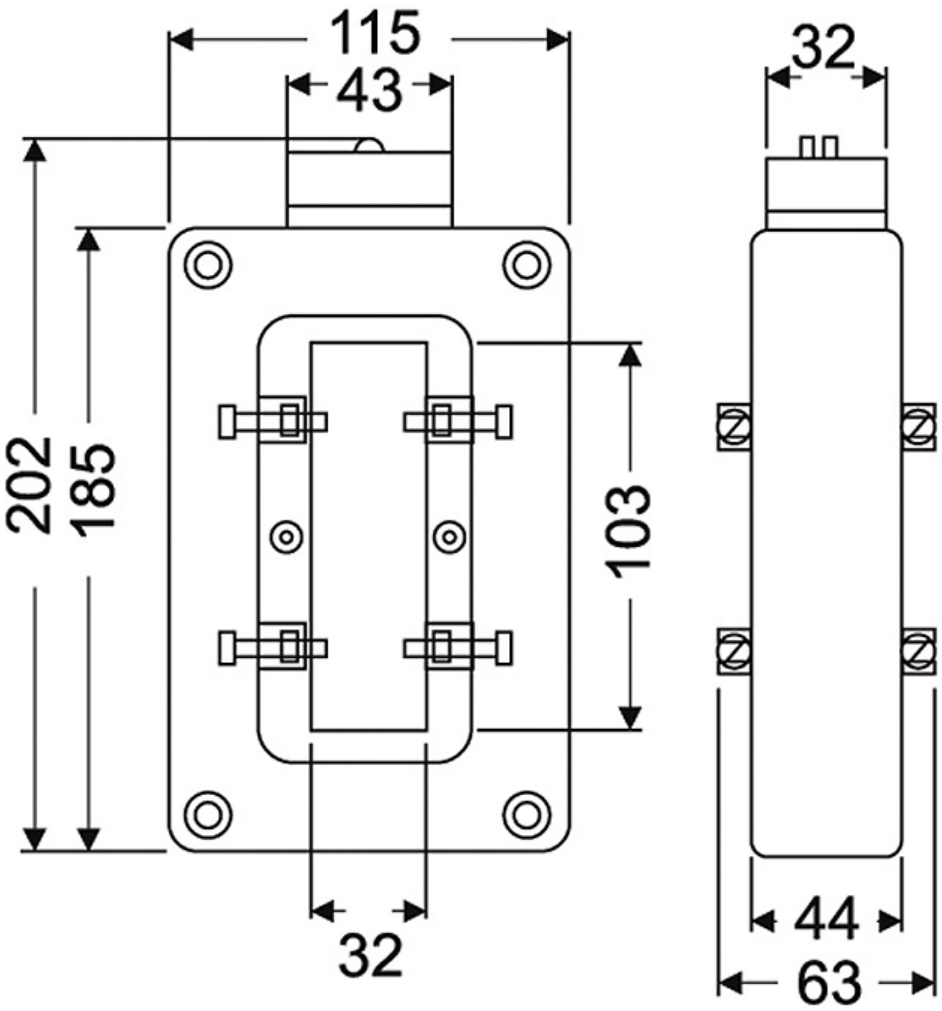
Code: M705A2.

CODE	TYPE	Measurement Range (A)	Flat strip(mm)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
M70597.	TA400 1200/5A	1200/5	100 x 20	15	20	30
M70598.	TA400 1500/5A	1500/5	100 x 20	15	30	40
M70599.	TA400 2000/5A	2000/5	100 x 20	20	40	50
M7059A.	TA400 300/5A	300/5	100 x 20	5	10	15
M7059B.	TA400 2500/5A	2500/5	100 x 20	20	40	50
TA500						
M705A2.	TA500 1000/5	1000/5	100 x 30	15	20	30
M705A3.	TA500 1200/5	1200/5	100 x 30	15	20	30
M705A4.	TA500 1500/5A	1500/5	100 x 30	15	30	40
M705A6.	TA500 2000/5A	2000/5	100 x 30	20	40	50
M705A7.	TA500 2500/5A	2500/5	100 x 30	20	40	50
M705A8.	TA500 3000/5A	3000/5	100 x 30	20	45	60
M705A9.	TA500 4000/5A	4000/5	100 x 30	35	50	70
TA600						
M705B1.	TA600 1000/5A	1000/5	125 x 60	15	20	30
M705B2.	TA600 1200/5A	1200/5	125 x 60	15	20	30
M705B3.	TA600 1500/5A	1500/5	125 x 60	15	20	30
M705B5.	TA600 2000/5A	2000/5	125 x 60	15	20	30
M705B6.	TA600 2500/5A	2500/5	125 x 60	20	30	40
M705B7.	TA600 3000/5A	3000/5	125 x 60	30	40	60
M705B8.	TA600 4000/5A	4000/5	125 x 60	35	50	70
M705B9.	TA600 5000/5A	5000/5	125 x 60	40	60	80
M705BA.	TA600 3200/5A	3200/5	125 x 60	30	40	60
M705BB.	TA600 800/5A	800/5	125 x 60	15	15	-

Creation date: 10/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

TA500 1000/5

Current transformers

Code: M705A2.

Dimensions