

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.



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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

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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	-

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Dimensions

