

TP-812 800 /5A

TP-812 800 /5A, Split core current transformers

Code: M70144.

- > System: Single-phase
- > Class 0,5 Power (VA): 3
- > Class 1 Power (VA): 7
- > Class 3 Power (VA): 18
- > Measurement Range (A): 800/5
- > Input current: 800/5 A

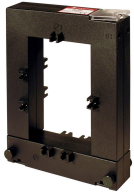
Description

Open-core transformers that can measure current without having to interrupt the electric supply. In other words, the installation does not have to be dismantled in order to install them.

- Range: 100 to 5000 A
- Busbar dimensions: 20 x 30 mm to 80 x 160 mm
- The transformer certificate is attached.

Application

Converting a high nominal current to a lower current so that it can be measured by the unit. They have a split core and can be installed with no need to interrupt the installation's power supply.



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Specifications

Electrical characteristics

Safety factor (SF)	FS 10
Power	3 VA (Class 0,5)

Mechanical characteristics

Size (mm) width x height x depth	185 x 144 x 50 (mm)
Weight (kg)	1,207

Environmental characteristics

Thermal Class	Class B (+130 °C)
Operating temperature	-5 ... 40 °C

Specific technical characteristics of current sensors

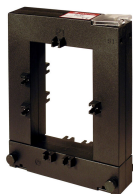
Operating voltage	0,72 kV~ max.
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Current measurement circuit

Primary current measurement	800 A
Dynamic current (I _{dyn})	2,5 I _{th}
Thermal short-circuit current (I _{th})	60 I _n
Transformation ratio	... / 5 A

Standards

Standards	IEC 44-1, UNE 21 088-1, UL 94, VDE 0414
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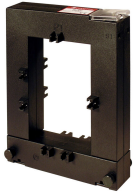
TP

Current transformers, split core

CODE	TYPE	Measurement Range (A)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)	Flat strip(mm)
M70131.	TP-88 250 /5A	250/5	-	2	4	80 x 80
M70132.	TP-88 300 /5A	300/5	1.5	3	6	80 x 80
M70133.	TP-88 400 /5A	400/5	1.5	3	10	80 x 80
M70134.	TP-88 500 /5A	500/5	2.5	5	15	80 x 80
M70135.	TP-88 600 /5A	600/5	2.5	5	17.5	80 x 80
M70136.	TP-88 750 /5A	750/5	3	6	18	80 x 80
M70137.	TP-88 800 /5A	800/5	3	7	18	80 x 80
M70138.	TP-88 1000 /5A	1000/5	5	10	20	80 x 80
M70141.	TP-812 500 /5A	500/5	-	4	12	80 x 120
M70142.	TP-812 600 /5A	600/5	-	5	14	80 x 120
M70143.	TP-812 750 /5A	750/5	2.5	6	17	80 x 120
M70144.	TP-812 800 /5A	800/5	3	7	18	80 x 120
M70145.	TP-812 1000 /5A	1000/5	5	9	20	80 x 120
M70146.	TP-812 1200 /5A	1200/5	6	11	24	80 x 120
M70147.	TP-812 1250 /5A	1250/5	7	15	28	80 x 120
M70148.	TP-812 1500 /5A	1500/5	8	17	30	80 x 120
M70149.	TP-812 1600 /5A	1600/5	8	17	30	80 x 120
M7014A.	TP-812 2500 /5A	2500/5	10	17	25	80 x 120
M70151.	TP-816 1000 /5A	1000/5	10	15	20	80 x 160
M70152.	TP-816 1500 /5A	1500/5	15	20	25	80 x 160
M70153.	TP-816 2000 /5A	2000/5	15	20	25	80 x 160
M70154.	TP-816 2500 /5A	2500/5	15	20	25	80 x 160
M70155.	TP-816 3000 /5A	3000/5	20	25	30	80 x 160
M70156.	TP-816 4000 /5A	4000/5	20	25	30	80 x 160
M70157.	TP-816 5000 /5A	5000/5	20	25	30	80 x 160
M70158.	TP-816 750/5A	750/5	5	-	-	80 x 160
M7015A.	TP-816 1250/5	1250/5	8	-	-	80 x 160
M7015B.	TP-816 1600/5A	1600/5	8	-	-	80 x 160
M7015C.	TP-816 3200/5A	3200/5	20	-	-	80 x 160
M7015E.	TP-816 6000/5	6000/5	20	-	-	80 x 160
M7015F.	TP-816 500/5A	500/5	3	-	-	80 x 160
M7015H.	TP-816 600/5	600/5	3	-	-	80 x 160

For other configurations see table of additional features

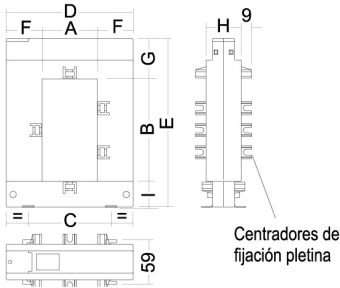
Dimensions



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mm	TP-23	TP-58	TP-88	TP-812	TP-816
a	20	50	80	80	80
b	30	80	80	120	160
c	51	78	108	108	120
d	89	114	144	144	184
e	110	145	145	185	245
f	34	32	32	32	52
g	47	32	32	32	47
h	40	32	32	32	52
i	32	32	32	32	38