

TP-420-23-50A

TP-420-23-50A, Split core current transformer with converter 4...20 mA

Code: M70214. **CONSULTAR DISPONIBILIDAD**

> Flat strip(mm): 20 x 30
> Analog output: 4...20 mA
> Measurement Range (A): 50
> Input current: 50 A
> Transformer type: Current transformer with 4 ... 20 mA converter

Description

- Needs a power supply output of 10 to 28 V dc
- Primary current: from 5 to 4000 A ac, depending on the type
- Secondary current 4...20 mA
- Internal diameter from 20 to 80 mm, depending on the type
- Busbar dimensions from 20 x 30 mm to 80 x 160 mm, depending on the type

Application

Used in power lines to obtain a current proportional to the primary current rated at 4...20 mA in the secondary Recommended in scenarios where the process signal must be proportional to the current of an automated system or PLC and the installation's power supply can not be interrupted to install a closed entrance bar transformer.

Creation date: 31/10/2026 - 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.



TP-420-23-50A

Current transformer with converter

Code: M70214.

Specifications

Auxiliary power supply	
Voltage	10 ... 28 Vdc

Mechanical characteristics	
Size (mm) width x height x depth	110 x 89 x 58 (mm)
Weight (kg)	0,75

Environmental characteristics	
Working temperature	-10°...+50 °C

Specific technical characteristics of current sensors	
Operating voltage	0,72 kV~ max.

Current measurement circuit	
Nominal frequency	50 / 60 Hz
Primary current measurement	50 A
Permanent overload	1,5 In
Transformation ratio	4 ... 20 mA

Standards	
Standards	IEC 44-1, UNE 21 088-1, IEC 664, VDE 0110, VDE 0414, UL 94, IEC 1010-1, EN 61010-1

Measurement accuracy	
Accuracy	±1,5% (5 ... 110 % In)

For greater currents, use: transformer + transducer

Creation date: 31/10/2026 - 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.

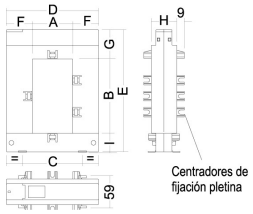


TP-420-23-50A

Current transformer with converter

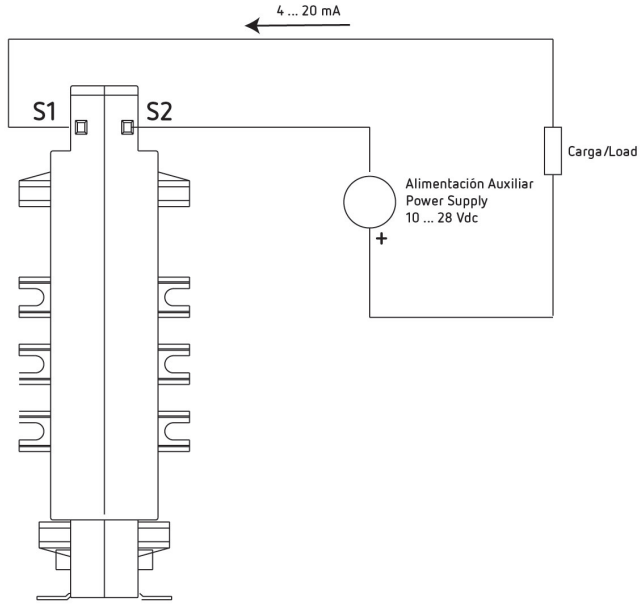
Code: M70214.

Dimensions



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

Connections



Creation date: 31/10/2026 - 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.