

Other products

Measuring devices

CTP: Automatic CT short-circuiting device



ptl_005_a_2_cat

Use

The CTP protects people and equipment from the dangers of opening the secondary circuit of a CT.

Compliance with standards

- NF C 15-100 articles 473.1.4-556.3
- GAM EG 13.C (military standard)

Other regulations

- As per French Decree no. 88-1056 of 14/11/88: Occupational Safety
- As per French Decree no. 91-986 Mines and Pits

References

Rating (A)	Voltages max. peak	Operating frequency	Max. voltage differential	Reference
5 A	21 VAC	45 … 400 Hz	600 VAC	4990 **0521**
5 A	25 VAC	45 … 400 Hz	600 VAC	4990 **0525**(1)

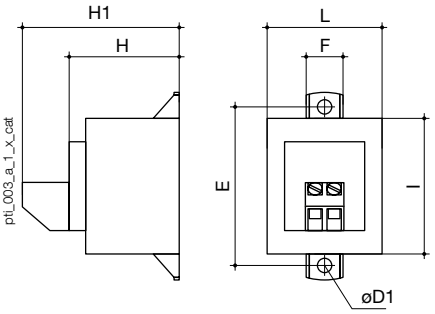
(1) DCN-approved (Maritime design management).

Characteristics

Casing protection degree	IP55
Terminal block protection degree	IP20
Connection section	2.5 mm²
Weight	82 g

Rating (A)	D1	E	F	H	H1	I	L
5	4.2	47	9.6	32	44	41	34.7

Dimensions



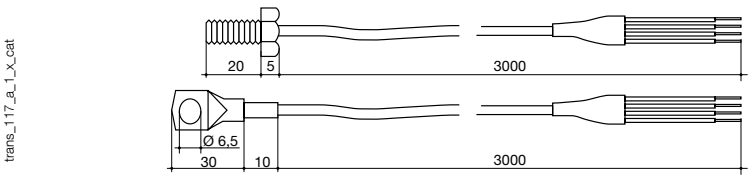
Screw-in PT100 probe

- Sensing element in accordance with IEC 751 Class A.
- 4-wire mounting
- Output through 3 metres of Teflon insulated cable.
- Tolerance Class A:
  - Accurate to -50°C: ± 0.14°C,
  - Accurate to 0°C: ± 0.13°C,
  - Accurate to +50°C: ± 0.25°C,
  - Accurate to +100°C: ± 0.26°C,
  - Accurate to +150°C: ± 0.33°C.

References

Products	Reference
PT100 temperature probe with M6 screws	4825 **0208**
PT100 temperature probe with M6 eye-bolts	4825 **0209**

Dimensions



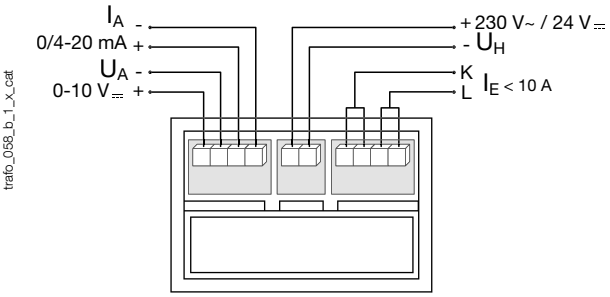
socomec Innovative Power Solutions

Transformer unit with built-in converter (CTA-VA)


trafo_057_a_1_cat

Compact measurement converter with bypass transformer unit with cables (Ø 27 mm) or busbars (40 x 10 mm).

- Input:
  - Direct connection 0 to 10 A
  - CT primary, 50 to 400 A (self-powered)
  - CT primary, 15 to 500 A (auxiliary power supply)
- Output:
  - 0-20 mA, 0 -10 V (model CTA-VA),
  - 4-20 mA and 0-10 V (model CTA-VA4).
- Self-powered or auxiliary power supply 24 VDC or 230 VAC.
- Dimensions: 135 x 80 x 50 mm.



trafo_058_b_1_x_cat

References

	0-20 mA / 0-10 VDC self-powered	4-20 mA / 0-10 VDC 230 VAC	4-20 mA / 0-10 VDC 24 VDC
Primary	**Reference**	**Reference**	**Reference**
5 A	-	192Y **0602**	192Y **0902**
10 A	-	192Y **0603**	-
15 A	-	192Y **0604**	192Y **0904**
20 A	-	192Y **0605**	192Y **0905**
25 A	-	192Y **0606**	192Y **0906**
30 A	-	192Y **0607**	192Y **0907**
40 A	-	192Y **0608**	192Y **0908**
50 A	192Y **0409**	-	192Y **0909**
60 A	192Y **0410**	-	-
75 A	192Y **0411**	192Y **0611**	192Y **0911**
100 A	192Y **0412**	192Y **0612**	192Y **0912**
250 A	192Y **0425**	-	192Y **0925**
400 A	192Y **0440**	-	192Y **0940**
500 A	-	192Y **0650**	-

Voltage transformer unit BTV 25


trafo_062_a_1_cat

Applications

Measures and converts the input value taken at the primary of a transformer unit by a directly proportionate voltage signal.

BTV 25 models are voltage transformer units.

Recommendation

As these voltage transformer units are specially designed to supply power to measuring equipment, we do not recommend connecting them to other elements that could compromise their accuracy. This is due to the effect of the phase-shift error. If consumption is greater than 25 VA, another transformer must be added.

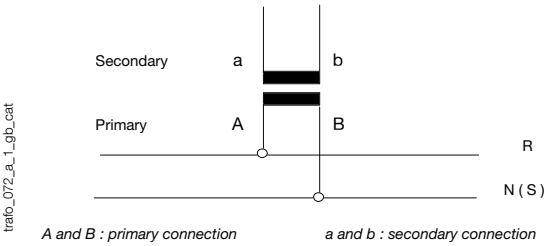
Characteristics

Accuracy class	1%
Dielectric quality	3 kV for 1 min.
Operating frequency	50 - 60 Hz
Permanent overload	1.2 U_n

References

Primary	Secondary	Power	Reference
230 VAC	100 VAC	25 VA	192M **2020**
400 VAC	100 VAC	25 VA	192M **2030**
440 VAC	100 VAC	25 VA	192M **2044**
500 VAC	100 VAC	25 VA	192M **2050**
600 VAC	100 VAC	25 VA	192M **2060**
660 VAC	100 VAC	25 VA	192M **2066**
800 VAC	100 VAC	25 VA	Please ask us for information

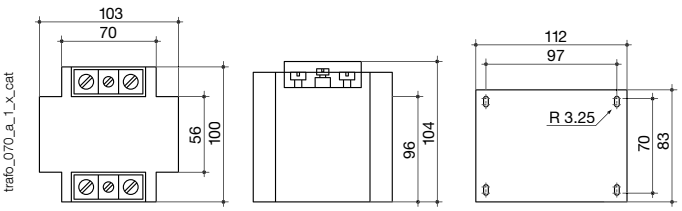
Connection



trafo_072_a_1_gb_cat

A and B : primary connection *a and b : secondary connection*

Dimensions



trafo_070_a_1_x_cat