



Other products

Measurement devices

PTI: CT automatic short-circuiter



Use

This device provides automatic short-circuiting of the CT: if the measuring circuit is opened.

Conformity to standards

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

Other regulations

- > Decree n° 88-1056 from 14-11-88: protection of workers
- > Complies with the Mines and Quarries decree n° 91-986

References

Rating (A)	Trigger voltages	Operating frequency	Max. differential voltage	Reference
5	21 VAC	45 ... 400 Hz	600 VAC	4990 0521
5	25 VAC	45 ... 400 Hz	600 VAC	4990 0525(1)

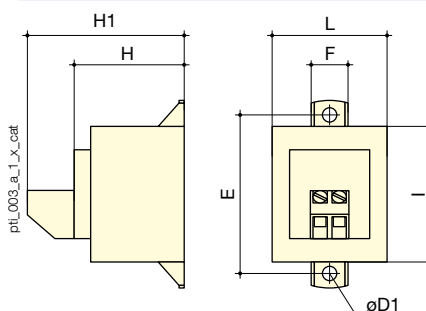
(1) DCN approved (French State Naval Construction Company).

Characteristics

Case degree of protection	IP55
Terminal protection degree	IP20
Connection cross-section	2.5 mm ²
Weight	82 g

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

Dimensions



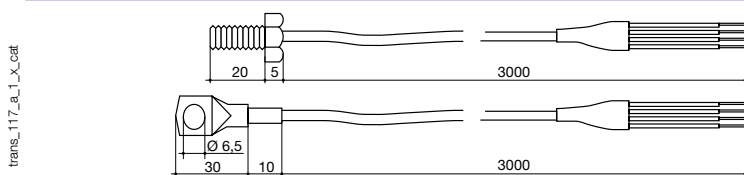
Sensor PT100 - screw type

- Element sensitivity as per standard IEC 751 class A.
- 4 wire mounting.
- 3 meter length output of Teflon isolated cable.
- Tolerance class A:
 - Accuracy at -50 °C: ± 0.14 °C,
 - Accuracy at 0 °C: ± 0.13 °C,
 - Accuracy at +50 °C: ± 0.25 °C,
 - Accuracy at +100 °C: ± 0.26 °C,
 - Accuracy at +150 °C: ± 0.33 °C.

References

Products	Reference
Temperature sensor PT100 - M6 screw type	4825 0208
Temperature sensor PT100 - eyelet type	4825 0209

Dimensions



Transformer with integrated converter (CTA-VA)

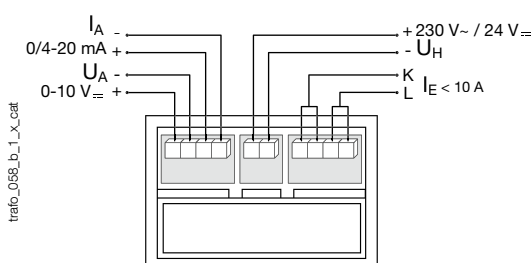


Compact measurement converter with cable-through transformer (Ø27 mm) or bar transformer (40 x 10 mm).

- Input:
 - Direct Connection 0 to 10 A,
 - CT primary of 40 to 800 A (self-supplied)
 - CT primary of 15 to 800 A (auxiliary supply)

- Output:
 - 0-20 mA, 0-10 V (type CTA-VA)
 - 4-20 mA and 0-10 V (type CTA-VA4).

- Self-supplied or auxiliary power supply 24 VDC or 230 VAC.
- Dimension: 135 x 80 x 50 mm.



References

Primary	0-20 mA / 0-10 VDC Self supplied	0-20 mA / 0-10 VDC 230 VAC	0-20 mA / 0-10 VDC 24 VDC	4-20 mA / 0-10 VDC 230 VAC	4-20 mA / 0-10 VDC 24 VDC
1 A	Reference 192Y 0401	Reference 192Y 0501	Reference 192Y 0801	Reference 192Y 0601	on request
5 A	Reference 192Y 0402	Reference 192Y 0502	Reference 192Y 0802	Reference 192Y 0602	Reference 192Y 0902
10 A		Reference 192Y 0503	Reference 192Y 0803	Reference 192Y 0603	on request
15 A		Reference 192Y 0504	Reference 192Y 0804	Reference 192Y 0604	Reference 192Y 0904
20 A		Reference 192Y 0505	on request	Reference 192Y 0605	Reference 192Y 0905
25 A		on request	on request	Reference 192Y 0606	Reference 192Y 0906
30 A		Reference 192Y 0507	Reference 192Y 0807	Reference 192Y 0607	Reference 192Y 0907
40 A	Reference 192Y 0408	Reference 192Y 0508	on request	Reference 192Y 0608	Reference 192Y 0908
50 A	Reference 192Y 0409	Reference 192Y 0509	Reference 192Y 0809	Reference 192Y 0609	Reference 192Y 0909
60 A	Reference 192Y 0410	Reference 192Y 0510	on request	Reference 192Y 0610	Reference 192Y 0910
75 A	Reference 192Y 0411	Reference 192Y 0511	Reference 192Y 0811	Reference 192Y 0611	Reference 192Y 0911
100 A	Reference 192Y 0412	Reference 192Y 0512	Reference 192Y 0812	Reference 192Y 0612	Reference 192Y 0912
150 A	Reference 192Y 0415	on request	Reference 192Y 0815	Reference 192Y 0615	on request
200 A	Reference 192Y 0420	Reference 192Y 0520	on request	Reference 192Y 0620	on request
250 A	Reference 192Y 0425	Reference 192Y 0525	Reference 192Y 0825	Reference 192Y 0625	Reference 192Y 0925
300 A	Reference 192Y 0430	Reference 192Y 0530	Reference 192Y 0830	Reference 192Y 0630	Reference 192Y 0930
400 A	Reference 192Y 0440	Reference 192Y 0540	Reference 192Y 0840	Reference 192Y 0640	Reference 192Y 0940
500 A	Reference 192Y 0450	Reference 192Y 0550	Reference 192Y 0850	Reference 192Y 0650	on request
600 A	Reference 192Y 0460	Reference 192Y 0560	on request	on request	Reference 192Y 0960
750 A	Reference 192Y 0475	on request	Reference 192Y 0875	Reference 192Y 0675	Reference 192Y 0975
800 A	Reference 192Y 0480	Reference 192Y 0580	Reference 192Y 0880	Reference 192Y 0680	Reference 192Y 0980

Voltage transformer BTV 25



Applications

Measurement and conversion of the input value read at the primary of a transformer in a directly proportional voltage signal.
BTV 25 products are voltage transformers.

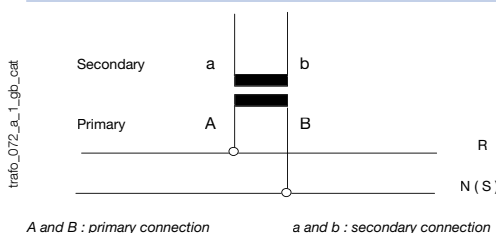
Recommendation

Voltage transformers are used specifically for supplying measurement equipment, therefore it is not recommended to connect other components which could affect accuracy. This is due to the effect of the phase shift error. If the 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

Connection



References

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

Dimensions

