

CT80 ABR

Electric Energy Measurement for Remote Management in Low Voltage

SPLIT CORE CURRENT TRANSFORMERS

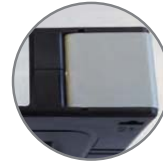
- Up to 3200 A of primary current.
- Transformer ratio .../5.
- Fixing base and bus-bar included.
- Standards: IEC 60044-1, BS 2627

Primary .../ 5A	Model	Code	VA class		
			0,5	1	3
100	CT80I ABR	41480	-	-	1,5
150	CT80I ABR	41481	-	-	2,5
200	CT80I ABR	41482	-	1,5	2,5
250	CT80I ABR	41483	-	1,5	3,75
300	CT80I ABR	41484	1,5	2,5	5
400	CT80I ABR	41485	2,5	5	10
500	CT80II ABR	41486	2,5	5	10
600	CT80II ABR	41487	2,5	5	15
750	CT80II ABR	41488	2,5	7,5	15
800	CT80II ABR	41489	2,5	10	15
1000	CT80II ABR	41490	5	10	20
1200	CT80II ABR	41491	5	15	20
1500	CT80III ABR	41492	7,5	10	25
1800	CT80III ABR	41493	10	15	30
2000	CT80III ABR	41494	15	20	30
2200	CT80III ABR	41495	15	20	30
2500	CT80III ABR	41496	15	25	30
2800	CT80III ABR	41497	15	25	30
3000	CT80III ABR	41498	20	30	40
3200	CT80III ABR	41499	20	30	40

CHARACTERISTICS

Overload	1,2 I_n
Frequency	50 / 60 Hz
Shrot circuiting terminal blocks for open secondary	YES
Maximum voltage U_m	0,72 kV
Isolation voltage	3 kV
Short circuit thermal current I_{th}	72 kA
Short circuit dynamic current I_{dyn}	2,5 x I_{th}
Accuracy limit	120 %
Security factor	5
Insulation class	F

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Sealable plastic cover



INDIVIDUAL TESTS

UNE-EN 60 044-1 (8.1, 11.7, 12.7) Terminal marking and nameplate
UNE-EN 60 044-1 (5.3) Frequency withstand volt. between secondary windings
UNE-EN 60 044-1 (8.4) Overvoltage tests between turns
UNE-EN 60 044-1 (11.4, 11.5) Determination of errors

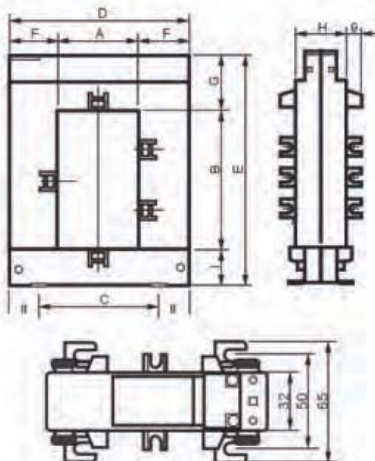
STANDARDS

UNE-EN 60 044-1 (8.1, 11.7, 12.7) Terminal marking and nameplate
UNE-EN 60 044-1 (7.1) Short circuit
UNE-EN 60 044-1 (7.2) Heating test
UNE-EN 60 044-1 (11.4) Determination of errors
UNE-EN 60695-2-11 Glow wire test

ADMISSIBLES STEPS

1x240, 2x240, 1x300, 2x300 (terminals included)	Suitable
Bar 80x50	Suitable

DIMENSIONS CT (mm)



mm	CT80I	CT 80II	CT 80III
A	20	50	80
B	30	80	120
C	51	78	108
D	89	114	144
E	111	145	185
F	34	32	32
G	47	32	332
H	40	32	32
I	32	33	33

* Other sizes upon request. Please consult.