

Split-core transformer



Technical Details of split core transformers

Primary current: 100A-5000A

Secondary current: 5A, 1A

Standard approval: IEC44-1, BS7626

Maximum voltage: 0.72/3kV

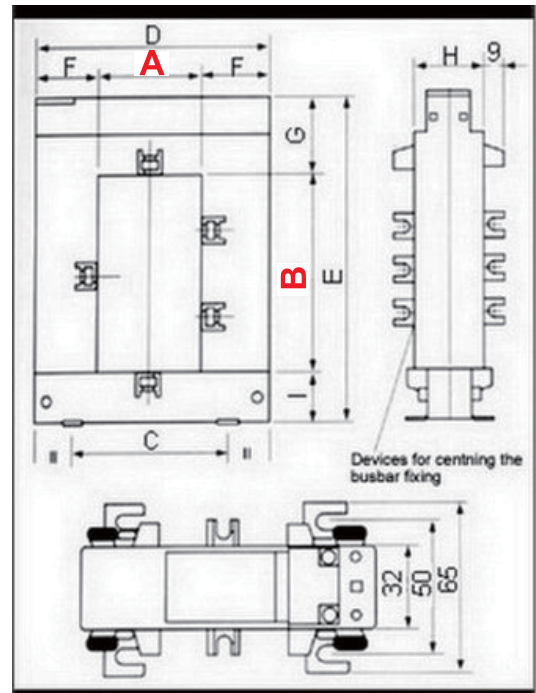
Frequency: 50/60Hz

Rated load: 1VA-30VA

Class: 0.5, 1.0, 3.0

Short-time thermal current: $I_{th}=100j_A I_n$

Rated security coefficient: FS 5



Type	A	B	C	D	E	F	G	H	I	Weight(kg)
DP-23	20	30	51	89	111	34	47	40	32	0.75
DP-58	50	80	78	114	145	32	32	32	33	0.90
DP-88	80	80	108	144	145	32	32	32	33	1.05
DP-812	80	120	108	144	185	32	32	32	33	1.25
DP-816	80	160	120	184	245	52	47	52	38	4.30

Split-core transformer

Mold	Primary Current	Accuracy
DP23	100 A	3.0
	150 A	3.0
	200 A	1.0
	250 A	1.0
	300 A	0.5
	400 A	0.5
DP58	250 A	0.5
	300 A	0.5
	400 A	0.5
	500 A	0.5
	600 A	0.5
	750 A	0.5
	800 A	0.5
	1000 A	0.5
DP88	250 A	0.5
	300 A	0.5
	400 A	0.5
	500 A	0.5
	600 A	0.5
	750 A	0.5
	800 A	0.5
	1000 A	0.5
DP812	500 A	1.0
	600 A	1.0
	750 A	0.5
	800 A	0.5
	1000 A	0.5
	1200 A	0.5
	1500 A	0.5
DP816	1000 A	0.5
	1500 A	0.5
	2000 A	0.5
	2500 A	0.5
	3000 A	0.5
	4000 A	0.5
	5000 A	0.5



Split core current transformers have interleaved joint and hinge structure.

Split core CTs have a removable section, so that they can be installed without interrupting the circuit.

split-core transformer for coupling monitoring apparatus to a current carrying conductor includes a two-piece annular core

specification of split core transformers

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Secondary current: 5A, 1A

Standard approval: IEC44-1, BS7626

Maximum voltage: 0.72/3kV

Frequency: 50/60Hz

Rated load: 1VA-30VA

Class: 0.5, 1.0, 3.0

Short-time thermal current: $I_{th}=100\sqrt{t}$

Rated security coefficient: FS 5

Type A B C D E F G H I Weight(kg)

DP-23 20 30 51 89 111 34 47 40 32 0.75

DP-58 50 80 78 114 145 32 32 32 33 0.90

DP-88 80 80 108 144 145 32 32 32 33 1.05

DP-812 80 120 108 144 185 32 32 32 33 1.25

DP-816 80 160 120 184 245 52 47 52 38 4.30