

AC Current transformer

Type IO 0,5/10

Description

AC current transformers are used for detecting and monitoring current at mains frequency. The reproducible linear relationship between the primary and the secondary current enables this current transformer to be used wherever currents have to be detected free of potential for monitoring and control purposes.

- simple construction
- secondary cables
- several versions available

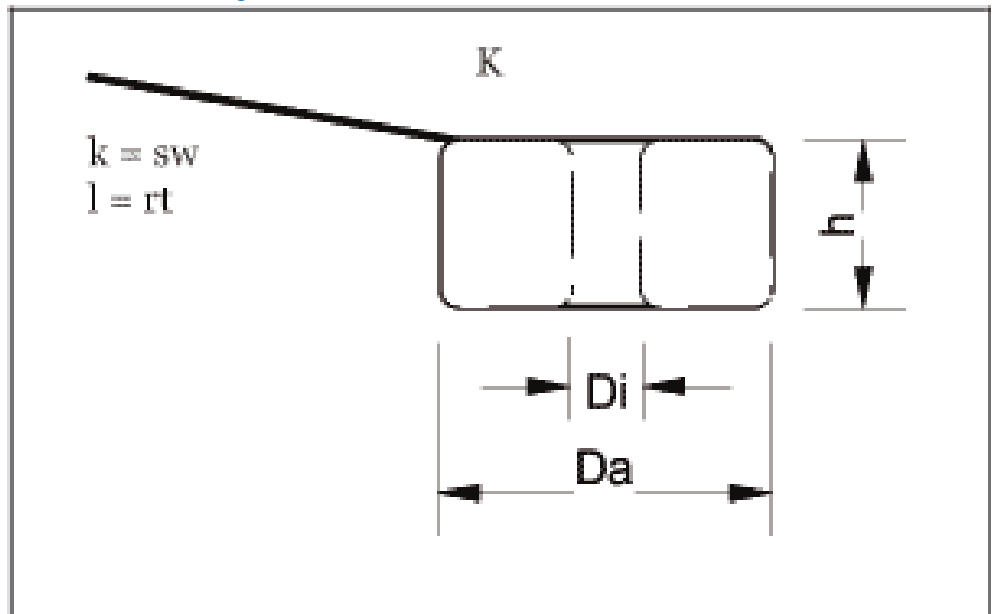
Technical Data

Type IO 0,5/...	.10	.25	.50	.100	.150	.200	Unit
I _{pN}	10	25	50	100	150	200	A
I _{maxpN}	12	30	60	120	180	240	A
I _{aN}	10	25	50	100	150	200	mA
P _{sek}	0,1	0,25	0,5	1,0	1,5	2,0	VA
KN	1000	1000	1000	1000	1000	1000	1:
UB _ü	10	10	10	10	10	10	V
RB	1000	400	200	100	67	50	Ohm
FU	≤1	≤1	≤1	≤1	≤1	≤1	%
FLU	≤2	≤2	≤2	≤2	≤2	≤2	%
TA	-25...+85	-25...+85	-25...+85	-25...+85	-25...+85	-25...+85	°C
f	50...400	50...400	50...400	50...400	50...400	50...400	Hz
Isolation	3	3	3	3	3	3	kVac

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Dimension drawing



Type	Da [mm]	Di [mm]	h [mm]
IO 0,5/10 A	30	12	13
IO 0,5/25 A	32	12	15
IO 0,5/50 A	35	15	17
IO 0,5/100 A	45	24	21
IO 0,5/150 A	47	25	22
IO 0,5/200 A	51	28	24