

DK125 SERIES CURRENT TRANSFORMER

DK125 SERIES

VTEKE[®]

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FEATURES

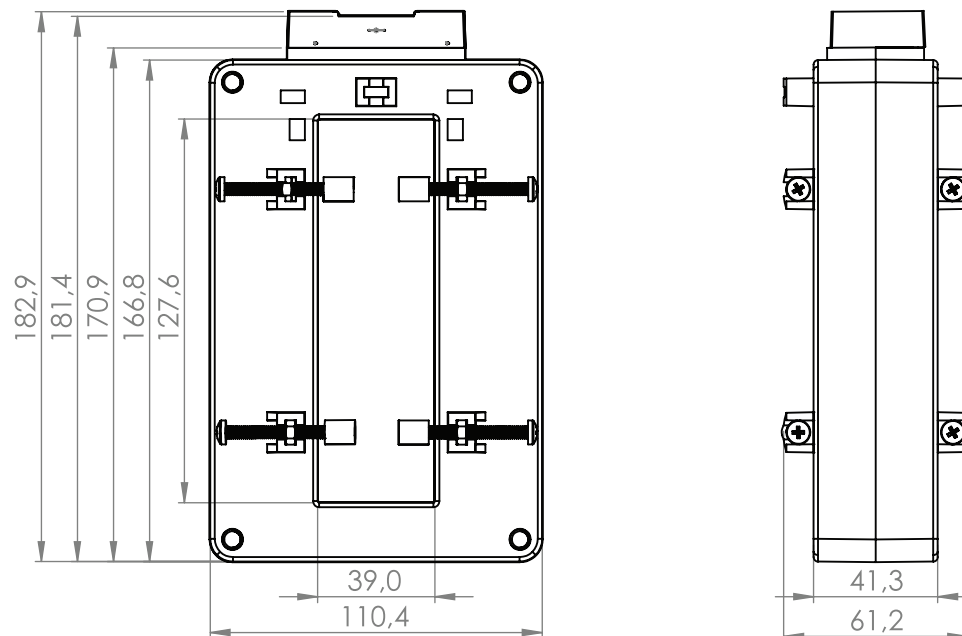
Window-type current transformer with sealable terminal cover, suitable for primary currents from 600A to 4000A AC; available in 1A or 5A AC secondary current; and accuracy classes 0.1, 0.2S, 0.2, 0.5S, 0.5 or Class 1.0.

TECHNICAL DATA

PARAMETER	VALUE
Standarts	IEC 60044-1, IEC 61869-2, VDE 0414-1, DIN57414, BS3938, BS7626, EN 61869-2
CT Ratio	From 600A to 4000A
Rated Power	Up to 40VA
Accuracy class	Class 1, 0.5, 0.5S, 0.2, 0.2S, 0.1
Terminal	Integral terminal cover, high cross section brass terminal for extra safety
Case	Non-flammable self-extinguishing ABS/PC
Mounting	Busbar Mount Type
Primary conductor	125 x 39 mm
Ambient temperature (operation)	-25 C ~ +85 C
Number of input	1
Thermal rated short-time current	$I_{th} = 60 \text{ kA}$
Thermal rated continuous current	$I_d = 1 * I_n$
Rated frequency	50 Hz ... 60 Hz
Surge current limitation factor	FS 5
Test voltage	3 kV for 1 min
Max system voltage	0.72 kV



DIMENSION



PRODUCT CODES

CLASS		1	0.5	0.5S	0.2	0.2S	0.1
SERIES	CURRENT RATIO	BURDEN (VA)					
DK125	1000/5	15	15	5	5	-	-
	1200/5	15	15	10	10	-	-
	1250/5	15	15	15	15	-	-
	1500/5	15	15	15	15	7.5	5
	1600/5	30	25	25	15	7.5	5
	2000/5	30	30	30	30	30	30
	2500/5	30	30	30	30	30	30
	3000/5	30	30	30	30	30	30
	3200/5	30	30	30	30	30	30
	4000/5	30	30	30	30	30	30

XX-XXX-XXXX-X-X-XX

CURRENT TRANSFORMER CODING MAP

SERIES CODE	HOLE SIZE (mm)	PRIMARY (A)	SECONDARY (A)	CLASS		BURDEN (VA)	
				CODE	CLASS	CODE	VA
CK	20	40	1	1	1	01	1
TK	30S	.	5	2	0.5	02	1.5
DK	30	.		3	0.5S	03	2.5
	40	.		4	0.1	04	3.75
	60	.		5	0.1S	05	5
	80	5000		6	0.2	06	7.5
	100			7	0.2S	07	10
	125			8	5	08	12.5
				9	3	09	15
					10	20	
					11	25	
					12	30	
					13	40	
					14	50	
					15	60	

Order Example: DK125 1600/5A, CL.0.5, 30 VA

Code: DK12516005212

NOTE:

- Different specifications can be supplied on request.
- Different amper ratio, burden and 1A secondary current can be supplied on request
- DIN rail mountaing clip can be supplied on request

LOSS IN VA (FOR BOTH WIRES)

Wire section in mm2	CURRENT RATIO			BURDEN (VA)			
1.5	0.6	1.19	2.38	3.57	4.76	5.95	
2.5	0.36	0.71	1.43	2.14	2.86	3.57	
4	0.22	0.45	0.89	1.34	1.79	2.23	
6	0.15	0.3	0.60	1.89	1.19	1.49	
10	0.09	0.18	0.36	0.54	0.71	0.89	