



-power in control

DEIF A/S

Type Certificate

4124010054F

Type:	DCT – DEIF Current Transformers Type: ASK, ASR, KBU, WSK, KSU, PCT, SCT, SUSK.
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Technical specifications	
Application	Internal, non-condensing.
* Rated primary current	5 – 10 – 15 – 20 – 25 – 30 – 40 – 50 – 60 – 75 – 100 A with a decadency multiple of the previously mentioned value to a max. of 7500A
* Rated secondary current	1 or 5 A
* Operating frequency	50 Hz and 60 Hz
Rated burden	0,2 – 0,3 – 1 – 1.25 – 1.5 – 2.5 – 3.75 – 5 – 7.5 – 10 – 15 – 30 – 45VA
Nominal thermal continuous current	$1.0 \times I_N$
Thermal nominal short-time current	60 x I_N , 1sec. max. 100kA (ASK, ASR, KBU, PCT, SCT) 40 x I_N , 1sec. max. 100kA (WSK, KSU, SUSK)
Maximum operating voltage	720V
Over-current limiting factor	FS 5 up to 1500A nominal current FS 10 from 1600A nominal current

Type test specifications	Tested according to:	
Insulation class	Class E	IEC 60085
Temperature	Operating: -10...+50°C Storage: -25...+70°C	IEC 61869-1/2
Accuracy	0.2 – 0.2S – 0.5 – 0.5S – 1 – 3	IEC 61869-1/2
Materials	Self-extinguishing plastic to UL94 (V0)	
Test voltage	3kVeff – 50Hz – 1min	IEC 61869-1/2
Vibration	3...13.2Hz: 2mm _{pp} 13.2...100Hz: 1g	IEC 60068-2-6
Shock	50g, 11ms half sine 3 attempts in each 3 directions	IEC 60068-2-27, test Ea

*) Tested on all units according to specifications. Remaining specifications are tested regularly by test sampling

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