



-power in control

DEIF A/S

Type Certificate

4124010032B / ref. JCL

Type:	TAC-311DG Current transducer for DIN rail or base mounting
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Technical specifications

* Measuring range:	0... 100% I _n (standard)
* Measuring frequency:	45... 65Hz (300... 500Hz)
* Measuring current:	0-1A AC (≤0,9VA) 0-5A AC (≤1,1VA)
* Output: (20... 100%)	4... 20mA Output limit < 22mA Span adjustment ±20% Zero adjustment ±20%
* Auxiliary supply:	110/230/440V AC ±20% ≤2,5VA 24/110/220V DC -25/+30% ≤2W
* Accuracy:	Class 0.5 (-10... 15... 30... 55°C) IEC/EN 60688

Type test specifications

Tested according to:

Insulation:	500V DC, >100MΩ	DNV, GL and LR
Vibration:	3... 13.2Hz: 3 mm 13.2-100Hz: 1.0 g	Class A, DNV Test 1, GL and LR
Shock:	6 attempts with 15 g (in 3 directions)	IEC/EN 60068-2-27, test: Ea
Protection:	Case: IP40 Terminals: IP20	IEC/EN 60529
Temperature:	-10... 55°C (nominal) -25... 70°C (operating) -40... 70°C (storage)	DNV, GL and LR
Temperature drift:	Typ. 0.15% per 10°C Max. 0.2% per 10°C	IEC/EN 60688
Galvanic separation:	2kV – 50Hz – 1 min. All circuits mutually	IEC/EN 61010-1
EMC:		IEC/EN 61000-6-1/2/3/4

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

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DEIF A/S

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R&D Product Approval Manager

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