

**DEIF A/S****Type certificate**

4124010045B

Type: TAS-321DG Selectable AC-transducer (Bi-directional current or power)

Technical specifications

Measuring current:	I_n	0.75/1.5/3.0/6.0A	Meas. Range: 0...200%
Overload, currents:		4 x I_n continuously 20 x I_n for 10 s (max. 75A) 40 x I_n for 1 s (max. 300A)	
Load:		Max. 0.5VA per phase	
Measuring Voltage:	U_n	73/140/254/400V phase to neutral 127/240/440/690 phase to phase	Meas. Range: 12...120% U_n Meas. Range: 12...120% U_n
Overload, voltages:		1.2 x U_n continuously 2 x U_n for 10 s	
Load:		>480k Ω	
Frequency range:		20...45...65...80Hz Note: For fundamental frequency (1. harmonic) outside 20Hz...80Hz the input is fixed to zero	
Accuracy	Current/power:	Class 0.5 (-10...15...30...55°C) IEC 688	
Supply voltage:	AC:	57.7-63.5-100-110-127-200-220-230-240-380-400-415-440-450-480-660-690 VAC \pm 20%.	
	DC:	24-48-110-220 VDC +30/-25%	

Type test specifications**Tested according to:**

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 68-2-27, test: Ea
Climate:	Class HSE	DIN 40040
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:	Type. 0.15% per 10°C Max. 0.2% per 10°C	IEC/EN 60688
Galvanic separation:	Between inputs, outputs and aux. Supply; 3750V-50Hz-1min.	EN 61010-1
Materials:	All plastic parts are self-extinguishing to UL94 (V1)	
EMC:	Immunity	SS4361503 – PL 4, IEC 255-4 – cl. 3 EN 61000-6-1 & EN 61000-6-2*
	Emission	EN 61000-6-3 & EN 61000-6-4

*: Max. output cable length is 30 m.

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