



-power in control

DEIF A/S

Type Certificate

4124010025D

Type:	WQ96-x, WQ144-x, Watt and Var meters
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Technical specifications

Measuring current:	Direct or from current transformer -/1A or -/5A
* Measuring voltage:	100-110-127-220-230-240-380-400-415-440V AC \pm 20%
Consumption:	Max. 3VA
Frequency	45...65Hz
* Accuracy	Class 1.5 (-10... <u>15</u> ...30...55°C) EN 60051

Type test specifications

Tested according to:

Insulation:	500V DC, > 100M Ω	GL, DNV and LR
Vibration:	3...5.3Hz: 50mm/sec 5.3...13.2Hz: 3mm 13.2-100Hz: 1g	Test 1, GL and LR DNV: Class A
Shock:	6 attempts with 15g (in 3 directions) 50g/6ms 22g/20ms	IEC 60068-2-27, test: Ea
Climate:	97% RH	IEC 60068-2-30, test Db
Protection:	Case: IP53 Terminals: IP20	IEC/EN 60529
Ambient temperature:	-10...+ 55°C (nominal) -25...+ 60°C (operating) -40...+ 65°C (storage)	GL, DNV and LR IEC/EN 60051
Test voltage:	2.2kV – 50Hz – 1 min. All circuits mutually and to earth.	IEC/EN 61010-1
EMC	Immunity, Emission	IEC/EN 60000-6-1/2/3/4 IEC 60255-4 (Class 3)

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

15th July 2011

DEIF A/S

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