

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

4124030058B

Type:	GC-1F generator controller
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Technical specifications	
Operating temperature:	-20...70°C
Storage temperature:	-40...70°C
* Measuring Voltage:	50V AC to 690V AC (+20%) Load 1.5MΩ
* Measuring Current:	-/1 or -/5A AC Consumption: max. 0.3VA / phase
* Measuring frequency:	30...70Hz
* Auxiliary supply	6-36V DC continuously max. 8W consumption
* Binary input:	Optocoupler, bi-directional Input voltage 6...36V DC,
* Relay outputs:	230V AC, 2A / 230V DC, 2A 30V AC, 2A / 30V DC, 2A 30V AC, 8A / 30V DC, 8A (Unit status output: 24V DC, 1A)
* Analogue inputs:	VDO: resistor input, internal 4V DC supply Current: 4...20mA, Impedance 50Ω not galvanically separated
* Galvanic Separation:	Between AC voltage, AC current and other I/O's: 3250V AC, 50 Hz, 1 min. Between analogue inputs, low voltage relays and communication port: 1100V DC, 1 min.
Current overload:	10A, continuously 20A, 5 sec.

Type test specifications		Tested according to:
Accuracy:	Class 2.0	IEC688
Climate:	Class HSE	DIN 40040
Safety:	Installation Cat. III, 600V. Pollution degree 2	EN 61010-1
EMC:		EN 61000-6-1/2/3/4
Protection:	Front: IP52 (IP65 with gasket: option L) Terminals: IP20	IEC/EN 60529

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



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