

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

4124030059B

|       |                                                              |
|-------|--------------------------------------------------------------|
| Type: | BGC, BGC0108, BGC-L basic gen-set controller<br>Multi-line 2 |
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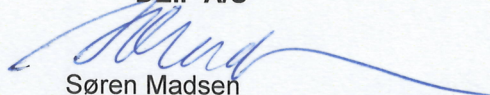
**Technical specifications**

|                         |                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Operating temperature:  | -25...70°C                                                                                                              |
| * Measuring Voltage:    | Max. 480V AC<br>Consumption max. 0.15VA / phase                                                                         |
| * Measuring. Current:   | -1 or -5A AC<br>Consumption: max. 0.3VA / phase                                                                         |
| * Measuring frequency:  | 30...70Hz                                                                                                               |
| * Auxiliary supply      | 12/24V DC -25/+30%<br>max. 8W consumption                                                                               |
| * Binary input:         | Optocoupler, bi-directional<br>Input voltage 12...32V DC,<br>Impedance max. 4.7kΩ                                       |
| * Relay outputs:        | 250V AC, 8A<br>24V DC, 2A<br>(Unit status output: 1A)                                                                   |
| * Analogue inputs:      | -10...0...+10V DC<br>not galvanically separated<br>Impedance max. 100kΩ                                                 |
| * Galvanic. Separation: | Between AC voltage, AC current and other I/O's: 3250V AC, 50 Hz, 1 min.<br>Between analogue outputs: 500V DC, 1 min.    |
| Current overload:       | 4 x I <sub>n</sub> continuously<br>20 x I <sub>n</sub> , 10 sec. (max. 75A)<br>80 x I <sub>n</sub> , 1 sec. (max. 300A) |

**Type test specifications****Tested according to:**

|             |                                                           |                                                   |
|-------------|-----------------------------------------------------------|---------------------------------------------------|
| Accuracy:   | Class 1.0                                                 | IEC688                                            |
| Climate:    | Class HSE                                                 | DIN 40040                                         |
| Safety:     | Installation Cat. III, 600V.<br>Pollution degree 2        | EN 61010-1                                        |
| EMC:        |                                                           | EN 61000-6-1/2/3/4<br>SS4631503(PL4)<br>IEC 255-3 |
| Protection: | Front: IP40<br>(IP54 with gasket: option L)<br>Back: IP20 | IEC/EN 60529                                      |

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

16<sup>th</sup> March 2015**DEIF A/S**  
Søren Madsen  
Product Approval Manager

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