

Type Approval Certificate



This is to certify that the undemoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 45 475 - 07 HH

Company DEIF A/S
Frisenborgvej 33
7800 Skive, DENMARK

Product Description Power Management System for Diesel Generator Plants

Type Delomatic-4

Environmental Category C, EMC-2

Technical Data / Range of Application Basic Functions of the System:
Engine Control and Monitoring; Automatic Load Sharing; Automatic Start/ Stop;
Generator Protection

Delomatic-4 consisting of:
Power Supply and Control Module PCM4.1: CPU with application progr. and power supply
I/O Module IOM-4.1: 16 input ch. configurable analogue or binary signals/
12 relay outputs/ 2 analogue output 0(4)...20mA
Measuring/Synchronizing Module SCM4-1: Synchronizer/ Breaker control
Measuring/Synchronizing Module SCM4-2: Synchronizer/ Breaker control and governor/ AVR control

Display options:
Display unit (DU); Additional Operator Panel (AOP)
Protection functions by ANSI/ IEEE 37.2 (1996) code:
27, 25A (see Remarks), 32, 32P, 32Q, 51, 59, 66, 79, 81, 94
PCM basic software Ver. 1.00.9/ SCM software Ver. 1.01.1

Test Standard Guidelines for the Performance of Type Approvals 2003, Regulations for the Use of Computer Systems, Software Requirement Class 3 (1996)

Documents Deif Test Summary Sheet IPA 0207, Deif Test Summary Performance Test IPA 0229-07 and EPC0218

Remarks Suitable voltage supply to be provided externally. Separate devices for short-circuit protection, check synchronizer, engine overspeed and low lub oil shutdown required.

Valid until 2018-11-20

Page 1 of 1

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Type Approval Symbol



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