

Installation Instructions

DSE8610MKII 8610-005-02

load sharing controller

DSE8610 MKII generator control systems

Before work begins

- 01 Confirm the exact DSE8610MKII 8610-005-02 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable Deep Sea Electronics discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Order Code	8610-005-02
DC Supply	8 to 35 V DC
Operating Current	530 mA at 12 V
Standby Current	320 mA at 12 V
Generator Sensing	15 to 415 V phase-neutral
Bus Sensing	25 to 720 V phase-phase
Frequency Range	3.5 to 75 Hz
CT Inputs	4 inputs; 1 A or 5 A
Analog Inputs	4 configurable inputs
Digital Inputs	12 negative-switching

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 IP65 with gasket.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Deep Sea Electronics controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.