

Installation Instructions

DSE8660 8660-005-02

mains synchronising controller

DSE8660 MKII transfer control systems

Before work begins

- 01 Confirm the exact DSE8660 8660-005-02 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	8660-005-02
DC Supply	8 to 35 V DC
Nominal Supply	12 / 24 V DC
Mains Sensing	Three phase plus neutral
Bus Sensing	Three phase plus neutral
Voltage Range	15 to 415 V phase-neutral
Frequency Range	3.5 to 75 Hz
Digital Inputs	12 configurable inputs
Analog Inputs	4 configurable inputs
Relay Outputs	Configurable changeover outputs

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.