

# Subsea DigiGRID™ EDU-3

Enabling switching of several identical and independent power outlets

## 1. Subsea DigiGRID™ EDU-3

The main functionality of Subsea DigiGRID™ EDU-3 is to switch several identical and independent power outlets in a controlled manner, and at the same time independently monitor the quality of the power delivered to the outlets.

No changes in voltage level or type (AC or DC) are to take place between the power inlet to the Subsea DigiGRID™ EDU-3 unit and the outlets.

Given any voltage level or type that the Subsea DigiGRID™ EDU-3 can switch and control, the unit itself shall operate on that input voltage.

Independent overcurrent and overvoltage protection are included for each outlet, and trip level could be set for each outlet.

Two types of EDU-3 design are available, one design for switching and operating on AC voltages (single- and three-phase) and one design for switching and operating on DC voltages.

Power outlets could also be enabled with SIL-3 certified Safety Instrumented Functions (SIF) for some power outlets.

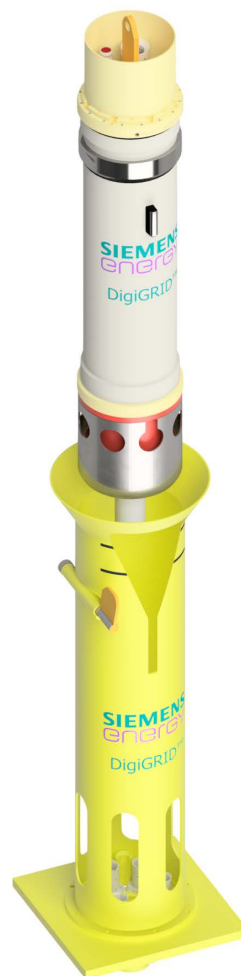


Image shows Subsea DigiGRID™ landing

Image shows Subsea DigiGRID™ landed



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