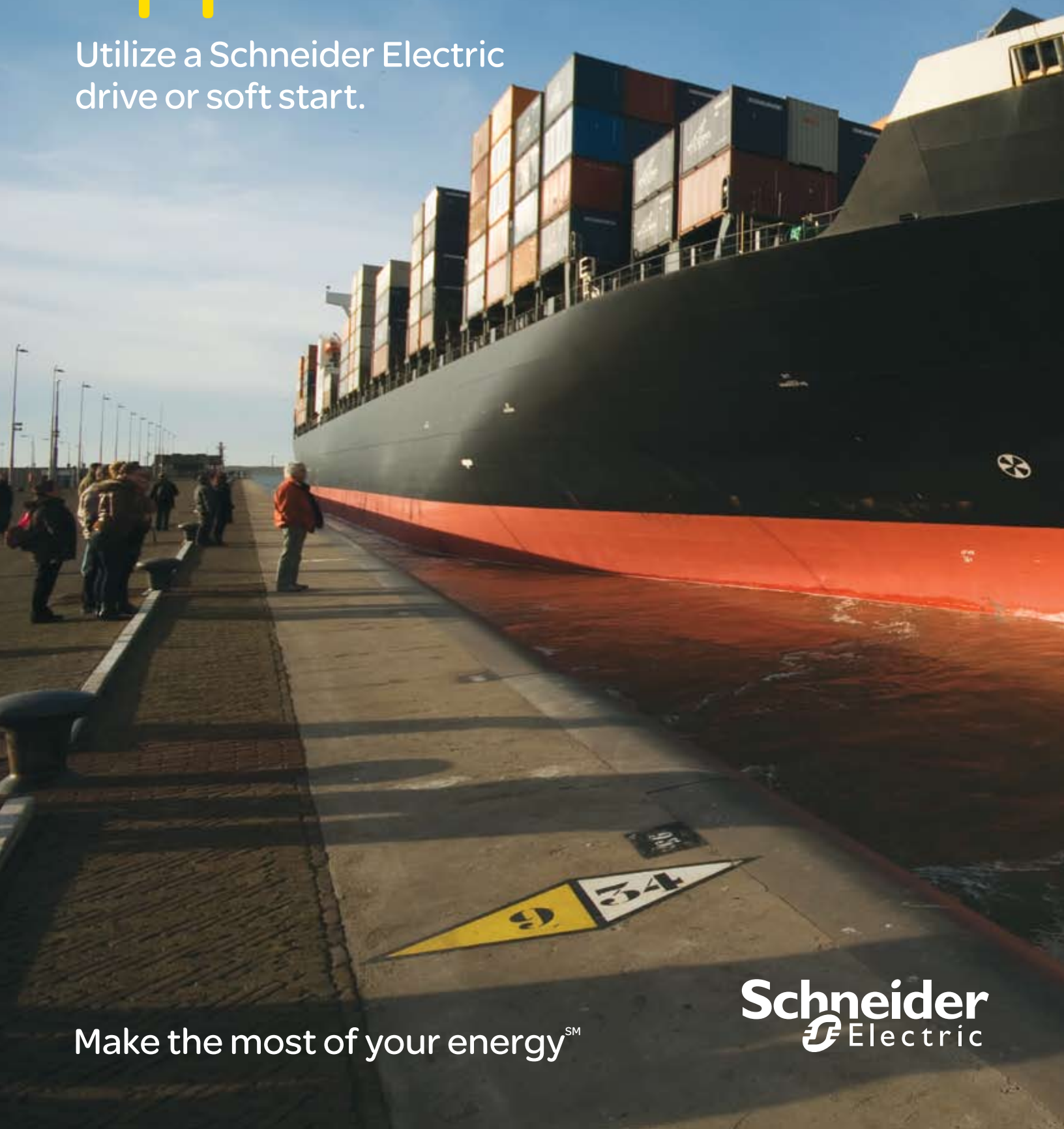


# Need an ABS- approved solution?

Utilize a Schneider Electric  
drive or soft start.



Make the most of your energy<sup>SM</sup>

**Schneider**  
Electric



# On Board with Marine Solutions

## Security of Life, Property and the Environment

Schneider Electric's Altivar® and Altistart® line of drives and soft starts are type approved by the American Bureau of Ship Building (ABS) to deliver each when utilized in your marine applications.

## Peace of Mind

From ships to off-shore platforms to underwater pipelines, ABS approval comes with the backing of an independent international organization dedicated to product safety for your marine and off-shore applications.

## Global Availability and Support

As the world leader in power, control and automation equipment, Schneider Electric delivers the products and support your need, when and where you need it.

# ABS-certified Drives and Soft Starts from Schneider Electric

## Altivar 61 and Altivar 71 Full-featured AC Drives

The Altivar 61 and Altivar 71 drives are the most advanced drives in the Schneider Electric family. They provide variable and constant torque control of your critical marine applications, proprietary motor control algorithms to achieve optimal reaction times and an easy-to-read display and navigation wheel that allows users to scroll through drop-down menus quickly and efficiently.

These drives also offer an optional “Controller Inside” option board, which allows custom programming via the IEC 61131-3 programming methods. This option card enables greater expandability to save time and money.

## M-Flex™ Enclosed Drive

The Square D® brand M-Flex enclosed drive controllers provide a robust, adjustable-speed solution for pumping applications.

These enclosed packages feature the Altivar 61 and Altivar 71 AC drives and are available in Type 1 general purpose or Type 12/12K drip/dustproof environmental enclosures in integrated or barriered designs.

## Altistart 48 Soft Start and Enclosed 48 Soft Start

A full-featured soft start that offers unique torque control on starting and stopping. This patented torque control system reduces mechanical stress on equipment and reduces check valve maintenance found in pumping systems. It is also EGSA Class 3 generator-compliant for use on emergency/standby generators. This enclosed version of the Altistart 48 soft start offers coordinated 100 kA short circuit current ratings with industry-leading seismic qualification for floor-mounted configurations.

## E-Flex™ Enclosed Drive

The Square D brand E-Flex enclosed AC drive controller is an efficient and economical enclosed solution for commercial and industrial HVAC and pump applications. The E-Flex enclosed drive features the Altivar 61 AC drive on the inside and provides 100kAIC rating with a circuit breaker and an option for bypass contactors. Built to conform to IBC and ASCE seismic standards for ground- and roof-level installations, the E-Flex enclosed drive meets both indoor and outdoor application requirements with Type 1, Type 12/12K and Type 3R enclosures.

### What is ABS Type Approval?

Products that can be consistently manufactured to the same design and specification may be Type Approved under the ABS Type Approval Program. The ABS Type Approval Program is a voluntary option for the demonstration of compliance of a product with the rules or other recognized standards. Each product is reviewed and tested from design through manufacturing practices, to verify that it will perform reliably in marine applications. These goals define the activities of ABS and has allowed them to become one of the world's leading ship classification societies.



## Talk to someone you can trust

The family of Altivar variable speed AC drives and Altistart soft starts present the most advanced and user-friendly solutions in the marketplace. Featuring proprietary motor control algorithms to achieve optimal reaction times and complete scalability to match your application requirements for speed, size and protection, the complete line of Altivar and Altistart products provides the flexibility and performance to:

- Meet the needs of a broad range of marine applications.
- Reduce your energy costs using proprietary energy-saving technologies available only from Schneider Electric.
- Improve your up-time by simplifying installation and providing advanced diagnostics through configuration and maintenance, industry-leading voltage ride-thru capabilities and seismic-qualified products.

We also keep you working with a global service and support organization that includes dedicated marine service centers convenient to you and your customers. These dedicated marine experts combine their expertise with product specialists, industry experts, distributors, partners and the countless other members of the Schneider Electric family to help you achieve a competitive advantage and make the most of your energy everyday.



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