

SOLCON

WATER

OIL & GAS

INDUSTRY

MINING

MARINE

OIL & GAS



Soft Starters ■ Motor Protection ■ Power Controllers

T: +972 (77) 7711130 | F: +972 (77) 7711140 | E: office@solcon.com | W: www.solcon.com

Solcon Industries Ltd. 6 Hacarmel Street Yoqneam Industrial Park 20692, Israel

OIL & GAS APPLICATION

Why Solcon?

In an industry where time is money and the cost of down time can reach more than one million dollars an hour, reliability is essential. That is where Solcon comes in. Solcon has been providing Soft Starting solutions to the Oil & Gas industry since 1977, earning their impeccable reputation for providing the world's largest oil rigs, vessels, and oil & gas pumping stations, with their highest quality uniquely designed Soft Starters for pumps and compressors. As an option, these Soft Starters may be suited for working in severe (-40°C) environments.

Solcon is the world's largest supplier of Soft Starters for compressors to FPSO's and all their marine products are certified. Solcon's extensive reference list includes Exxon Mobil, Shell, BP, Gazprom, Enbridge, Talisman and many more.

Solcon provides

Soft Starters, Thyristor Power Controllers and Protection Relays, separately, or as customized "Turn Key" projects, tailored to meet the customers every need.

Solcon is recommended for:

- Gas Compressors
- Reciprocating Compressors
- Axial Compressors (1-60 MW)
- Pumps
- Pipe line heating
- Injection pumps
- Fire fighting pumps

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Typical Applications

Virtually every motor, low or medium voltage, asynchronous, synchronous or slip-ring may be soft-started and protected by Solcon's advanced products. Special Soft Starters, Power controllers, Transformer Starters as well as insulation protection and temperature protection, Solcon provides a solution with one of its outstanding products.

Using Solcon soft-starters provides:

- A complete product line 8-3000A, 208-15000V from a single supplier
- Soft-Starting systems for Asynchronous, Synchronous and Slip-ring motors
- A variety of choices for severe, heavy and standard duty applications
- A Robust construction, pre-designed for harsh environments
- Unique RVS-EX unit for starting EX Motors
- Superior starting & stopping characteristics for low and medium voltage motors
- Comprehensive, built-in motor protection package

Unique optional features:

- Motor insulation protection
- Analog output and thermistor input
- Special treatment for harsh environments
- Unique Soft Starter designs for EX zone
- Communications - Modbus, Profibus and Devicenet (others upon request)

Solcon Product lines for Oil & Gas applications:

- Up to 630KW Low Voltage for Ex Motors - special design Soft Starter - RVS-EX
- Up to 3MW Low Voltage up to 1200V Soft Starters - RVS-DN
- Up to 50MW Medium Voltage - special design Soft Starters - HRVS-DN
- Up to 3MW Low Voltage 1000V Power Controllers - TPS



FPSO Fluminense - Shell, Brazil - Water Injection Pump and Gas Compressors



Courtesy Jurong Shipyard

Helder A - Shell, Nederland - Oil Pumps

