

North Sea, Denmark

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270MVA power transformer control cabinet. The implementation included the production and prefabrication of 6 switchboards, which are a continuation of our May implementation related to a wind farm in the North Sea. For each switchgear, an additional stainless steel housing was manufactured, dedicated to the control and measurement equipment.

Supply voltage: 230V AC

Control voltage: 24V, 110V DC

Rated current: 20A

Standard: British

Tightness class: IP66

Corrosion protection: C5M-Offshore

Operating temperature range: from -30°C to +40°C

IMPLEMENTATION DATE: JULY 2019

Switchboard:

Dimensions:1200mm x 1000mm x 500mm

Type:SZS-KO – large-size housing made of acid-resistant steel, IP66

Color: RAL7032

Manufacturer:Radiolex

118-631.001 – **SZS-KO 1200*1000*500** – Switchgear housing – manufacturer Radiolex

118-629.001 – **SZS-KO 900*1200*250** – Measuring switchgear housing – manufacturer Radiolex

ABB equipment used:

2CCA703050R0001 – **E218-16-11** – Modular switch 16A 250V AC

1SVR730830R0500 – **CM-ESS.MS11** – Voltage monitoring relay 24-240V AC/DC

1SBL177001R1301 – **AF16-30-01-13** – 3NO contactor 10.5A 230V AC, AF series

1SBN030105T1000 – **VM4** – Mechanical contactor interlock

1SVR405611R1100 – **CR-M024DC2L** – Power relay 24V DC 12A

1SVR405651R1000 – **CR-M2SS** – Relay socket 2P 250V 16A

1SVR405659R1000 – **CR-MH** – Relay Socket Holder, CR-M Series

STEGO equipment used:

02527.0-10 – **SL025** – Lamp, Slimline series 230V

14007.0-00 – **HG140** – Solid-state heater 150W 120-240V AC/DC

01140.0-00 – **KTO011** – Thermostat 1NC, 0 to +60°C

03503.0-01 – **SD035 UK** – Power socket 13A 250V AC

Apparatus from other manufacturers used:

KXCBS11 – **KXCBS11** – Limit switch manufactured by Lovato

Hydrocal 1005 – **Hydrocal 1005** – Gas content analyzer in transformer oil manufactured by MTE

111-DIN-6-LC-Duplex – **111-DIN-6-LC-Duplex** – Fiber optic distribution box manufactured by OMI Solutions

2866747 – **QUINT-PS-1AC/24DC/3.5** – Power supply 3.5A 24V DC man. PhoenixContact

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



PROTEZIONE RAGGIOLA
ESPOSITO DI IMPIANTAZIONE

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