

## Singapore, Peninsular Malaysia

HOME > KATEGORIE > COMPLETED PROJECTS > SINGAPORE, PENINSULAR MALAYSIA

360MVA power transformer control cabinet. The implementation included the production and prefabrication of 4 switchboards. The installation site on the waterfront of the Singapore Straits exposes the switchgear to aggressive environmental conditions, thus ensuring high corrosion protection.

Supply voltage: 220V AC, 60Hz

Control voltage: 125V DC

Rated current: 20A

Standard: British

Tightness class: IP55

Corrosion protection: C5M-Offshore

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

**IMPLEMENTATION DATE: SEPTEMBER 2019**

### Switchboard:

**Dimensions:** 1000mm x 1200mm x 500mm

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

**Color:** RAL7032

**Manufacturer:** Radiolex

118-631.002 – **SZS-KO 1000\*1200\*500** – 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

#### **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

#### **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**





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