

Vianden, Luxembourg

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Control cabinet for a 120MVA power transformer. The cabinet was ultimately exported to the city of Vianden in Luxembourg. During the 4-year cooperation, 8 realisations were made at cyclical intervals.

Supply voltage: 400/230V AC

Control voltage: 24V, 220V DC

Rated current: 63A

Standard: Luxembourg

Protection class: IP65 enclosure

IMPLEMENTATION DATE: OCTOBER 2018

Switchboard:

Custom made wardrobe at the customer's request.

Dimensions:1400mm x 2000mm x 600mm

Type:SZS-OH – hanging housing, with the possibility of mounting on the transformer support frame using pins in the rear part of the housing. Made of stainless steel, polished coating.

Color:RAL7038_GS

Manufacturer:Radiolex

SO-G-13055-A01 –**RSB-OH 1400*2000*600** – housing – manufacturer Radiolex

128-022.006 – **PB-1400*2000** – mounting plate – manufacturer Radiolex

131-004 – **DWB 700*2000** – door with glass, non-standard design – manufacturer Radiolex.

ABB equipment used:

1SVR730794R3300 – **CM-PVS.41S** – 3ph relay 300-500V AC

1SVR730010R0200 – **CT-MFS.21S** – Timer relay 24-240V AC/DC; Time range: 0.05s – 300h

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

1SVR405611R9100 – **CR-M220DC2L** – 220V DC relay

1SVR405651R1000 – DIN rail mounted relay socket 7A 250V

1SBL183001R8810 – **AL 16-30-10** – Contactor 220V DC

1SBH137001R1322 – **NF22E-13** – Contactor 2NO/2NC 6 A 230 V AC/DC

Apator equipment used:

63-840306-031 – **4G25-10-PK** – Cam switch 0-1 3P 25A

63-840398-051 – **4G63-92-PK** – Cam switch 0-1 3P 63A

4G10-207-U – **4G10-207-U** – Reversing cam switch 1-2 1P 10A

63-840343-011 – **4G10-53-U** – Cam switch 1-0-2 3P 10A

Stego equipment used:

5.01140.0-00 – **KTO-011** – Thermostat 1NC, 0 to +60°C

5.02527.0-00 – **SL025** – Slimline SL series lamp 230V 11W

5.14007.0-00 – **HG140** – Semiconductor heater AC/DC 110-250V, 100W

5.08410.0-00 – **DD084** – Drying element

5.08400.0-03 – **DA084** – Pressure equalizing cartridge

Apparatus from other manufacturers used:

2967060 – **PLC-RSC-24DC/21-21** – PLC series universal relay 24V DC 6A – manufacturer PhoenixContact

MteC-EPT202 – Transformer protection controller – manufacturer Messko

Tapcon 260 –Tap changer controller – manufacturer Maschinenfabrik Reinhausen

doublePRIME IDD –Monitor of outflow parameters–manufacturer doble

P32100P0 – Temperature control relay – manufacturer Knick

RMA42-AA-C– Measurement signal transducer – manufacturer Endress+Hauser

DSUB9 – DNP adapter – manufacturer ProSoft Technology

5102-DNPM-MCM3 –DNP 3.0 protocol driver, ProLinX – manufacturer ProSoftTechnology

Qualitrol T/Guard 408 – Fiber optic temperature controller – manufacturer Qualitrol

TC20CV –10A current transformers – manufacturer Triquest

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



PRZYKŁADOWA REALIZACJA
EXAMPLE OF IMPLEMENTATION

Radiolex



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