

Ontario, Canada

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83MVA and 125MVA power transformer control cabinets. The cabinets were eventually exported to Canada. In 2024, 8 twin switchboards were made.

Supply voltage: 208/120V AC

Rated current: 60A

Standard: Canada/USA

Protection class: NEMA 3

Corrosion class: C4

COMPLETION DATE: JULY/AUGUST 2024

Switchgear:

Custom cabinet making at the request of the customer.

Dimensions: 1200mm x 1600mm x 500mm

Type: SZB-KO - hanging enclosure, with the possibility of mounting on the support frame of the transformer through the use of pins in the rear part of the enclosure. Made of acid-resistant steel, polished coating, powder-coated. Insulated cabinet (PREMIUM thermal insulation).

Color: ANSI 70

Manufacturer: Radiolex

SO-20320-R1 - **SZB-KO 1200*1600*500** - enclosure - manufacturer Radiolex

SO-20320-10-00-R1 - **PB-1200*1600** - mounting plate - manufacturer Radiolex

SO-20320-08-00-R1 - **DWB 600*1600** - hollow door, custom design - manufacturer Radiolex.

ABB apparatus used:

1SBH137001R1322 - **NF22E-13** - 2NO 2NC contactor relay 100-250V AC/DC

1SBH137001R1340 - **NF40E-13** - 4NO contactor relay 100-250V AC/DC

1SBH137001R1380 - **NF80E-13** - 8NO 100-250V AC/DC contactor relay

1SBN020112R1000 - **TEF4-ON** - Electronic time delay overlay for delayed switching.

1SBN020114R1000 - **TEF4-OFF** -Electronic time overlay delaying switch off

1SDA074642R1 - **XT1N 125 TMF 60A FF** - 60A compact circuit breaker.

2CDS271337R0377 - **SU201M-K6** -Overcurrent circuit breaker, char. K, 6A, 10kA, AC, 1P

2CDS271337R0378 - **SU201M-Z6** - Overcurrent circuit breaker, char. Z, 6A, 10kA, AC, 1P

2CDS271337R0427 - **SU201M-K10** - Overcurrent circuit breaker, char. K, 10A, 10kA, AC, 1P

2CDS271337R0428 - **SU201M-Z10** - Overcurrent circuit breaker, char. Z, 10A, 10kA, AC, 1P

2CDS271337R0487 - **SU201M-K20** - Overcurrent circuit breaker, char. K, 20A, 10kA, AC, 1P

2CDS273337R0447 - **SU203M-K13** - Overcurrent circuit breaker, char. K, 13A, 10kA, AC, 3P

2CDS273337R0487 - **SU203M-K20** - Overcurrent circuit breaker, char. K, 20A, 10kA, AC, 3P

Eaton apparatus used:

022234 - **T0-2-8211/E** - Cam switch 0-1 2P 20A

067352 - **T0-1-8200/E** - 0-1 1P 20A cam switch

Stego apparatus used:

5.01131.9-00- **ETR-011** - Thermostat for heating and cooling, 4°C - +140°C

5.02540.0-01- **LED025** – LED series lamp 025 AC 100-240V

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

5.08410.0-00 – **DD084** – Desiccant element

5.28400.0-00- **DA084** – Pressure equalizing element

Third-party apparatus used:

20K02-D – Test switch prod. STATES

2FMS14-14 – Indoor disconnect switch, panel mounting prod. STATES

HBL2310 – Single 20A 125V AC receptacle prod. Hubbel

HBL2310SW – Single waterproof receptacle 20A 125V AC prod. Hubbel

12-0212-2A10 – SSM 100W heater prod. Bartec

ITM509 – Electronic transformer monitor, 8DO, 8AI, 4AO prod. Qualitrol

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI





