

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





