

Gdansk, Poland

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Main switchboard supplying power to the powder coating shop. The implementation included the prefabrication of the power supply and control switchgear and its assembly at the customer's facility. Due to the increased demand for the plant's electrical power, the order included replacing the transformer.

Supply voltage: 400/230V 50Hz

Control voltage: 24VDC

Rated current: 400A

Tightness class: IP55

Corrosion protection: C2

Operating temperature range: -25°C to 40°C

COMPLETION DATE: JANUARY 2020

Switchboard:

Dimensions: 1600mm x 2000mm x 400mm

Type: RR - Frame floor-standing housing IP55 IK10

Color: RAL 7035

Manufacturer: Radiolex

140-026 - **RR 800*2000*400** - Switchgear housing

146-010 - **BRRZ-2000*400** - Outer side of the housing

148-010 - **CR-800*600** - Plinth for RR, height 100mm, color: RAL9005

ABB equipment used:

1SDA054317R1 - **T5N 400 PR221DS-LS** - Power switch 3P 400A 36kA

1SEP101890R0002 - **XLP 00-6BC 160A**—Fuse switch disconnecter 160A

2CDE103001R1901 - **ILTS-E3** - 3P fuse switch 63A D02

2CMA100179R1000 - **B24 113-100** - Electricity meter 3f

2CSG225955R1101 - **CT MAX 400** - Current transformer 400/5A 5VA class 0.5

2CSG299903R4052 - **M2M ETHERNET** - 3f network analyzer

2CSM200943R1801 - **E93/20** - Fuse base 3P 20A

2CSM295563R1341 - **T1** - Twilight relay

2CTB815710R1100 - **OVR T1-T2 4L 12.5-275s P TS QS** - LV surge arrester class 1+2

2TAZ312000R2013 - **E290-16-11/230** - Bistable relay 16A 1NO+1NC

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



