

192 switchgear combinations for the the Swiss Federal Railways operations centre in Olten

Fail-safe power supply for the control system of the Swiss Federal Railways

The Swiss Federal Railways operates a largely comprehensive rail network in Switzerland. Every day it carries 8,000 passenger and 2,000 freight trains over its tracks. And more traffic is predicted for the future. This will have to be managed with modern control technology. To do this, the Swiss Federal Railways is pooling its 100+ regional control sites into the operations centres in Lausanne (OC West), Olten (Central OC), Zurich Airport (OC East) and Pollegio (OC South). To ensure the safety of a railway network, the control system relies on a fail-safe power supply.



Client

Swiss Federal Railways, Operations Centre, Olten

Order value

CHF 2 million

Created

2013 / 2014



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Contract

49 low-voltage main distribution cabinets with busbar currents of 1250 A and 2000 A

43 low-voltage regional distribution cabinets with busbar currents of 800 A and 1250 A

100 low-voltage local distribution cabinets with rated currents of 800 A and 1250 A

75 empty cabinets with installation grid for the in-house MCR plant (to measure, control and regulate)



1 Production switchgear combinations

2 Central OC Olten

3 Main distribution (without cable connectors)