SOLUTION NOTE

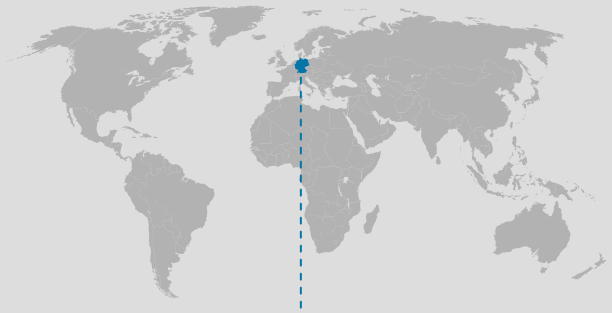
SWR BROADCASTING STUDIOS
Stuttgart (Germany)

SN-SWRSTUDIO-EN-0514

SWR BROADCASTING STUDIOS
ELECTRIC POWER SUPPLY SOLUTION

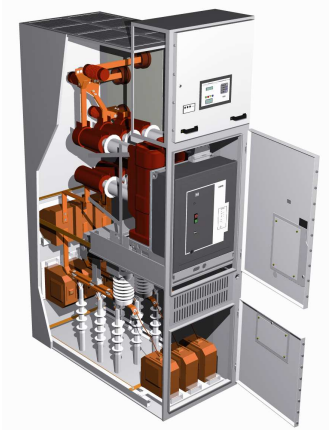
The new building at SWR studios in Stuttgart will accommodate state-of-the-art broadcasting technology for TV, radio and internet. With 22.000 square meters the new construction will accommodate editorial offices, radio studios and ultra-modern television studios. Approximately 480 employees will work at the new location. The new studios represent the most modern facility of SWR and one of the most modern broadcasting studios in Germany. The total investment adds up to more than 86 Million Euro. With the project the SWR prepares itself for future challenges of media world. Radio, TV and internet will merge continuously and a common use of digital content will be required. With the further progression of digitalization and the rapid technical changes the processes in broadcasting will be continuously changing in future.

YEAR » 2009
CLIENT » SWR (Südwestrundfunk)
LOCATION » Stuttgart, Germany
SOLUTION » AMC switchgear
N. OF PANELS » 11
SEGMENT» End Users (E3U) - Leisure Building



ORMAZABAL AMC:
FIXED MOUNTED, SINGLE BUSBAR,
AIR INSULATED SWITCHGEAR UP TO 17.5 KV

Switchgear Types:
CIRCUIT BREAKER (L)
FUSE PROTECTION (T)
METERING (M1)



THE CHALLENGE AND THE SOLUTION

The processes in the new building are designed in a flexible way to be able to integrate future developments as well. As a consequence, the power supply system therefore had to be flexible and extensible. Safety was also a key factor in the customer's requirements.

AMC air insulated switchgear type met all requirements and was chosen for the prestige project.

Electric Data:
12 kV – 630 A – 20 kA

Scope of Supply:
11 Panels

With the extensible switchgear future upgrades can be realized easily. So, the power supply system can be adapted to future requirements. The use of internal arc absorber technology for all cubicles increased personnel and building safety significantly. Furthermore, the system was equipped with state-of-the-art protection technology, a remote control option, and a connection to the control system.

CUSTOMER KEY BENEFITS

- **High reliability, reduced maintenance needs**
- **High security of supply**
- **Passive and maintenance free arc absorber for maximum personnel safety**
- **Simple and robust design and operation**
- **Flexibility to integrate customer specific equipment**

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