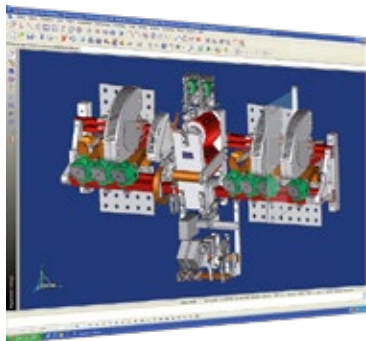


AUTOMATION AND SYSTEMS

Automation and systems



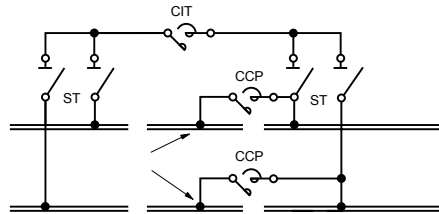
- Studies, drafting of specification,
- Implementation of process according to specification,
- Electrical diagrams,
- Programming, revision of programmes for PLC (Siemens, Omron, Mitsubishi, Schleicher...),
- Implementation of automated modules,
- Industrial vision.



Studies

- Specific studies and achievements,
- Servicing on site,
- Programming,
- Advice and simulations.

DC cubicles for traction substations and online equipments



CIT, CCP: on-load switch type CMA or IF
ST: disconnector type FA

Subways

Alger
Amsterdam
Bucarest
Jerusalem
Kairo
Lyon
Marseille
Mexico
RATP
Rotterdam
Singapore
Tunis
...

Tramways

Amsterdam
Angers
Barcelona
Clermont-Ferrand
Grenoble
Lyon
Marseille
Montpellier
Mulhouse
Nice
Rabat
Reims
Strasbourg
Tenerife
...

Earthing contactor for DC Railway installations



In compliance with the EN 50122-1, the CMATN is a voltage limiting device to be installed in DC traction systems to protect people from some dangerous touch voltages which may occur between the return circuit and the earth structure.

