

GE Consumer & Industrial

1. Description of the project

Country:	The Netherlands
Localisation:	National
Customer:	ProRail Utrecht
Project:	Standard power supply for change-over switches within rail track
Scope:	>800 equipped pedestal cabinets
Status:	Fully homologated by ProRail since January 2005

2. Requirement of the customer

- Fully equipped standardized and tested power supply. (shock proof)
- Equipped with or without transformer, depends on control voltage
- Equipped including necessary terminals
- Including a full isolated foundation, pre-mounted

3. Why a GE solution

- GE flexibility in technical solution and issues
- Innovative and open solutions
- Possibility to deliver new versions, our strength in logistic support.
- Quality and long life cycle of total product
- Close personal cooperation and fast reaction at moments of any technical problems
- Easy to develop other products related to change over techniques.

4. Key Technical Features

- complete wired
- full tested and homologated by ProRail
- fast exchange of total pedestal if required
- short repair time
- low maintenance costs

Aantal wissels	2006	2007	2008	2009	Totaal
Regio Noordoost	73	34	129	81	317
Regio Randstad Noord	65	27	79	22	193
Regio Randstad Zuid	21	24	21	8	74
Regio Zuid	139	55	50	13	257
Totaal	298	140	279	124	841

Info uit productieplan 2005-2009

5. General Architecture

This stainless steel cabinet is full homologated by ProRail and will be bought through local installers.

This cabinet is used for the power supply of switches. When a train must make a curve to the left or the right the track must be switched over. This cabinet gives the power supply to the electrical motors who will switch over the track. All new tracks will be provided with our GE WAK cabinets. A transformer inside the cabinet allows that power supply to be isolated from the real net.

