



■ Rail

A Control Panel for Train Connector

The Challenge

- Develop and manufacture a complex control solenoid driver that complies with the railway industry environment (EN50155).
- Meet tight deadlines while navigating the global collapse of supply chains, particularly of electronic components.

The Solution

Within the Gevasol Group, we formed a team comprising R&D (Switzerland) and engineering and production (Israel) experts.

Together, the team went through all the required steps - from concept to production - while overcoming the significant supply chain challenges.

The project reached its technical and operational goals and allowed our customer to introduce our solution to their system in a short time.

That the process was carried out under the same roof creates high added value for our customers.

Main Features

Function: Controls a large solenoid that opens and closes the main power breaker

- Sensor-less
- Fully programmable
- Robust design for harsh environments
- Internal operation parameter data storage
- Life expectancy of 40 years (800,000 operation hours)
- Full reliability studies (RAMS)
- Comply with the train industry HW and SW standard (EN50155 & EN50657)
- FAI successful in serial production

Built to Need

We design our products to your particular needs: pressure and flow, controls, and integrations.

Challenge us with your needs: Marketing@gevasol.com