



**Simplify
Logic**

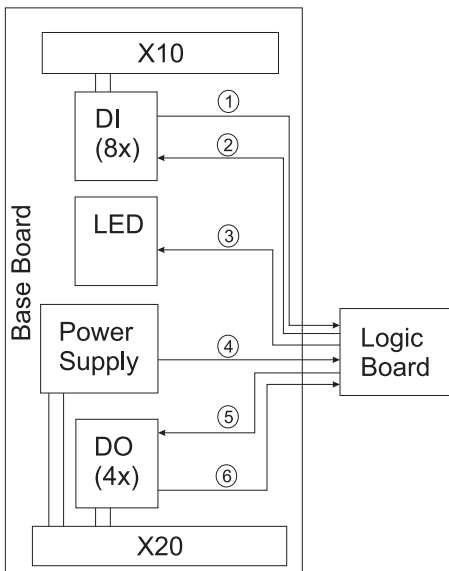
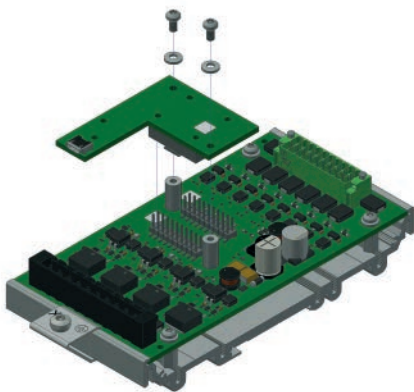
■ Transportation Solutions

Logic Modules with GreenPAK™ Technology

**Realization of logic operations
without microcontroller**

Comply with the standards EN 50155,
EN 50121-3-2, EN 61373 and EN 45545-2

Logic Module with GreenPAK™ Technology



The logic module based on GreenPAK™ technology has been especially designed to meet the demands of modern railway systems. It enables the flexible implementation of customized logic and signal-processing tasks – efficient, robust and space-saving.

Thanks to freely configurable digital functional blocks and timers, application specific solutions can be realized without complex microcontroller programming. This reduces system complexity, increases reliability and ensures fast development cycles.

For cybersecurity reasons, the configuration can optionally be protected against reading and writing.

Key Features

- 8 digital wide-range inputs DC 24-110 V potential-free, with configurable switching thresholds
- 4 digital wide-range solid-state outputs DC 24-110 V / 2 A, short-circuit protected and potential-free
- Wide-range supply voltage DC 24-110 V
- Status-LED for each input and output
- Pluggable push-in terminals
- Temperature range -40 °C to +70 °C

Concept

The logic module consists of a base board and a logic board.

The base board contains

- the digital inputs
- the digital outputs
- the power supply
- the status LEDs

The logic board contains:

- the configurable GreenPAK™ device
- the setting of the thresholds of the digital inputs

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