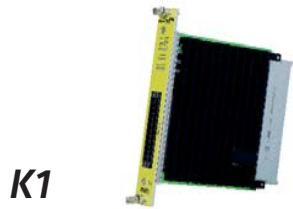
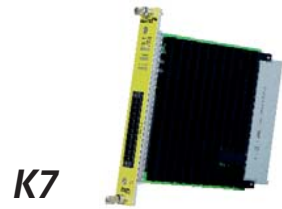


# menTCS Train Control System

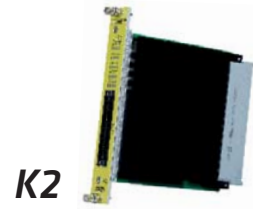
## Safe I/O Boards



**K1**



**K7**



**K2**



**K4**

**Dimensions**

100 mm x 100 mm, 4 HP

100 mm x 100 mm, 4 HP

100 mm x 100 mm, 4 HP

100 mm x 100 mm, 4 HP

**Function**

8 Digital Outputs

8 Digital Outputs

16 Digital Inputs

Frequency Inputs

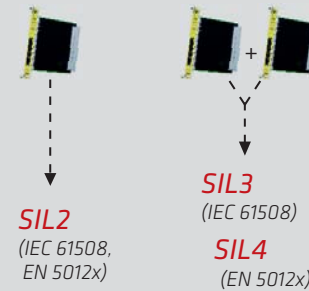
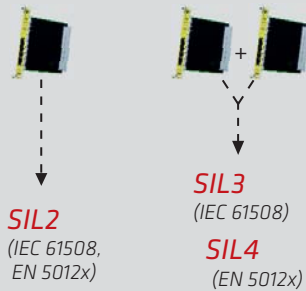
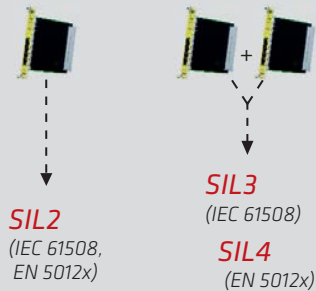
**Features**

- » High-side switching outputs (load to ground)
- » Fail-safe board architecture
- » Supervision functions

- » Low-side switching outputs (load to supply voltage)
- » Fail-safe board architecture
- » Supervision functions

- » Fail-safe board architecture
- » Supervision functions

**Functional Safety & Certification**



**Software**

- » QNX
- » PACY process data framework

- » QNX
- » PACY process data framework

- » QNX
- » PACY process data framework

**Applications**

- » Rolling Stock (EN 50155)
- » Wayside (EN 50125-3, EN 50121-4)

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