
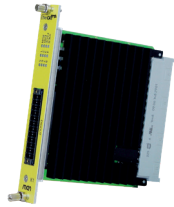
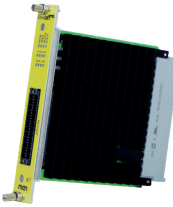
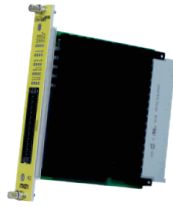

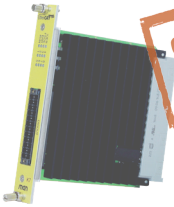
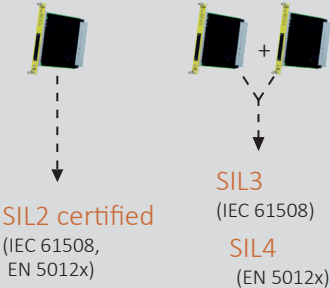
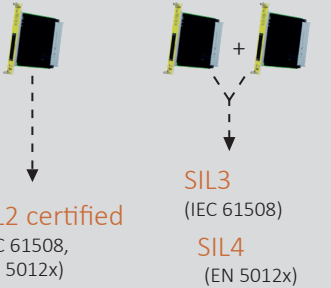
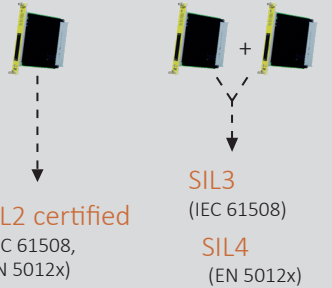




MENTCS TRAIN CONTROL SYSTEM – SAFE I/O BOARDS

	 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	<ul style="list-style-type: none"> » High-side switching outputs (load to ground) » Fail-safe board architecture » Supervision functions 	<ul style="list-style-type: none"> » Low-side switching outputs (load to supply voltage) » Fail-safe board architecture » Supervision functions 	<ul style="list-style-type: none"> » Fail-safe board architecture » Supervision functions 	
Functional Safety & Certification	 <p>SIL2 certified (IEC 61508, EN 5012x)</p> <p>SIL3 (IEC 61508)</p> <p>SIL4 (EN 5012x)</p>	 <p>SIL2 certified (IEC 61508, EN 5012x)</p> <p>SIL3 (IEC 61508)</p> <p>SIL4 (EN 5012x)</p>	 <p>SIL2 certified (IEC 61508, EN 5012x)</p> <p>SIL3 (IEC 61508)</p> <p>SIL4 (EN 5012x)</p>	
Software	<ul style="list-style-type: none"> » QNX » PACY process data framework 	<ul style="list-style-type: none"> » QNX » PACY process data framework 	<ul style="list-style-type: none"> » QNX » PACY process data framework 	
Applications	<ul style="list-style-type: none"> » Rolling Stock (EN 50155) » Wayside (EN 50125-3, EN 50121-4) 	<ul style="list-style-type: none"> » Rolling Stock (EN 50155) » Wayside (EN 50125-3, EN 50121-4) 	<ul style="list-style-type: none"> » Rolling Stock (EN 50155) » Wayside (EN 50125-3, EN 50121-4) 	

