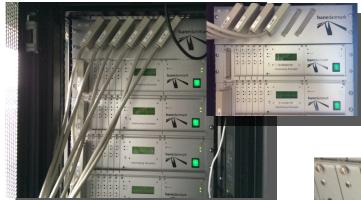


Interlocking Simulator

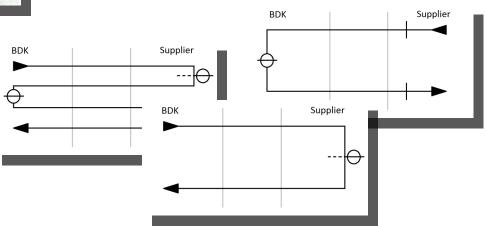


- Rack-mountable 3U high 35cm deep
- Standardized DIN-41216 socket
- Remote Controlled
- Generic circuitry
- Versatile modular design

- Extensive automatic self testing
- Visual circuit state indications
- Automatic passive safe state
- Hot-swap I/O boards
- Fused output circuits



- Configurable 24 to 60Vdc power supply
- Individual power on/off on each circuit
- Accepts external 8 to 72Vdc on all circuits
- 2.5kV circuit separation w/o power







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Simulator Software

Interface Selection Wi File Interfaces Configuration	Interlocking Simulator IDS-502:IXL Foreign Railway , Infrast V basic>7HA-30001-0911-430EN:01 V		XML base Generic in	endent (java-based) ed configuration nterface and version selection connectivity pin-usage map
Unit : A Unit : B Pin Configurations	1027>Thales_1@10.23.243.141 1028>Thales_2@10.23.243.142 Simulate	X3: Release of fi X4: Block superv	ack section (nput) had accurd: input port 2 low pin d4 - high pin d2 @ 1027>Thales_1>POWERED hid Accurd: Input port 3 low pin d5 @ 1027>Thales_1>POWERED 0 1 - Occupied at lock section (nput) hid Accurd: input port 4 low pin b8 - high pin b6 @ 1027>Thales_1>POWERED 0 - Proceed alon (nput) Min Accurd: 1:nput port 5 low pin d8 - high pin d6 @ 1027>Thales_1>POWERED Win Defined States 1 - Step 0 - Proceed alon (nput) Min Accurd: 1:nput port 5 low pin d8 - high pin d6 @ 1027>Thales_1>POWERED Win Defined States 1 - Step 0 - Proceed 1 - Step 1 -	
			Simulation Window	
Intuitive graphical user interface				
01		IDS-502 IXL Foreign Railw	vay , Infrastructure West-Padborg	
 Manual operation 		Inputs To Simulator	Outputs From Simulator	
 Interpreted channel states 		X1: First line track section - undefined X2: Second line track section - undefined X3: Release of first block section - Proceed	Y1: Entry Signal - Stop Y2: Direction change to INCOMING - Not Coming Y3: Energency release of first Not Released	
	Outputs From Simulator		X4: Block supervision - Proceed X5: Permission in Padborg - Granted X6: Approch Alarm - Activated	Y5: Exit route requested - Requested Y6: Station in initial state - Initial State Y7: Station track section - Occupied
Y1: Entry Signal - Proceed or Ca 🥚 😑		X7: Direction Change NOT allowed - Granted	Y8: Group button - Active	
Y2: Direction change to INCOMING - Not Coming		X8: Permission in Flensburg - Granted	Y9: Station in initial state - Not in Initia	
Y3: Emergency relea	ase of first Released 🧧			
Y5: Exit route reque	sted - Requested			
Y6: Station in initial state - Not in Initia		A_testing_61809 24 Vdc (0,00Vdc 0mA): off		
Y7: Station track section Occupied		B_testing_49621 24 Vdc (0,00Vdc 0mA): off	Activate Exit	
	1,0: Clear		******	
	0,1: Occupied a			
0,0: undefined				
• XML based scripting			ed scripting language	
				Inspection imperatives
				ogging for post inspection

