GENERAL DESCRIPTION

This interface interconnects the B-Box RCP controller to a Speedgoat HIL simulator.

This way, any control implementation can be first tested – without any risk – on a simulated converter; before it is later tested on real hardware. In this second step, all cables can be instantly swapped from the interface to the real converter.

ANALOG OUTPUTS

– 16 channels, RJ45 connectors
– To be wired to analog inputs of the B-Box RCP
– -10 to 10 V voltage range

DIGITAL INPUTS

– 16 independent channels
– Optical fiber wiring to digital outputs of the B-Box RCP
– Max. prop. delay difference between 2 channels: 80 ns
– 5V supplied directly by the Speedgoat HIL Simulator

CONTACT

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ABOUT US

Imperix develops high-end control equipment and prototyping hardware for power electronics, drives, smart grids and related topics. Its products are designed to accelerate the implementation of laboratory-scale power converters and facilitate the derivation of high quality experimental results.