

Rev:A00

Power/Clock/Trigger Distribution Synchronization Module



To meet the needs of expansion, a power/clock/trigger distribution & synchronization module is provided. It supplies DC power, clocks, and trigger distribution to other measurement and control modules, ensuring good synchronization between the output/input channels of each module. The module offers up to 12 channels of 48V DC output, 12 channels of reference clock distribution, and 12 channels of trigger signal distribution.

Technical requirements

Item	Specifications
Model	PCTC1211A001B
Channels	19-inch standard 2U rack, providing support for 12 sets of equipment expansion
Output interfaces	Supports 12 channels of DC power output interfaces at 250 W @ 48~52 V
	Supports 12 channels of SMA 50 ohm reference clock output interfaces
	Supports 12 channels of SMA high-impedance trigger signal output interfaces
Input interfaces	Supports lockable AC power input, up to 3200 W
	Supports 1 channel of SMA 50 ohm reference clock input
	Supports 1 channel of SMA high-impedance trigger signal input
Other	Supports RJ-45 Gigabit Ethernet communication control interface
	Supports monitoring of device status