

CMB IO-7

VE000700



CMB IO-7 test setup with CMC 256 with Parallel Port Option



CMB IO-7 rear side



Module connector
Phoenix Contact PLUSCON-VC, 40 pins

The CMB IO-7 performs testing of multi input/output devices. It is capable of providing up to 144 wet (300 VDC) or dry input channels and/or up to 96 output channels. Due to the high number of input/output channels complex operating conditions can be provided such as binary information for testing SCADA systems under real-time conditions. The CMB IO-7 can either be used in conjunction with a CMC 256plus with PAR-1 option or stand-alone.

Benefits

- One integrated testing environment for complex test objects
- Considerable savings in time and money as a result of standardized tests and report generation
- One system ensures familiarity and thus reduces overall training costs
- System down-times are kept to a minimum with the use of multiple card connectors which facilitate the initial test wiring

Possible Configurations

The CMB IO-7 Basic is the minimum configuration consisting of a CMB IO-7 with one Input Module INP1-24, one Output Module OUT1-16 and one USB to Parallel Converter CMUSB-P [VEHZ2007].

The CMB IO-7 can be configured using up to seven input or output modules. Options which can be ordered separately are:

- Input Module INP1-24¹ [VEHZ0710]
- Output Module OUT1-16¹ (relay outputs) [VEHZ0720]
- Output Module OUT2-16¹ (transistor outputs) [VEHZ0750]
- Module connector [VEHZ0740]
- Transport case with wheels

CMB IO-7 Basic – Standard Delivery (1 INP1-24 + 1 OUT1-16)

- Modules: 1 input INP1-24, 1 output OUT1-16, 2 connectors
- Accessories: carrying bag, power cord with plug, USB to parallel converter CMUSB-P, extension cable CMUSB-P to CMB, connecting cable CMB to CMC, manual
- The following modules support CMB IO-7: State Sequencer, Binary I/O monitor, EnerLyzer, NetSim, Ramping, Pulse Ramping, Advanced Transplay

General Data	
Modules	7 slots for IO modules (rear side)
Operation temperature	0 ... +50 °C (+32 ... +122 °F)
Storage temperature	-25 ... +70 °C (-13 ... +158 °F)
Humidity range	Relative humidity 5 ... 95 %, non condensing
Dimensions (W x H x D)	450 x 145 x 390 mm (17.7 x 5.7 x 15.4 in)
Weight	8.7 kg (19.3 lbs), 10.3 kg (22.8 lbs) with 7 modules
PC-Connection	USB or Parallel port
CMC interface	Synchronization with CMC test set
EMC	Directive 2004/108/EC (CE conform)
Emission	EN 61326-1, EN61000-6-4, EN61000-3-2/3 FCC Subpart B of Part 15 Class A
Immunity	EN 61326-1, EN61000-6-2, EN 61000-4-2/3/4/5/6/11
Safety	Directive 2006/95/EC (CE conform) EN 61010-1, EN 60950-1, UL 61010-1, CAN/CSA-C22.2 No 61010-1-04

¹ A fully equipped CMB IO-7 contains maximum 7 I/O modules (CMB IO-7 Basic plus maximum 5 additional modules). Purchasers may order any combination of modules up to a maximum of seven and containing at least one INP1-24 and one OUT1-16. For each module a connector will be provided. Later module upgrades are possible