

CompactPCI Serial Microrack

CPS5363A Series - Double Sections 5U Chassis - 3U boards



CS-105- Rev.2_EN
CPS512M1CDRE2



Features

- Microrack for CPCI-S.0 3U boards
- Double 6 slots backplane
- Modular frontal PSU
- Customizations

Mechanical Specifications

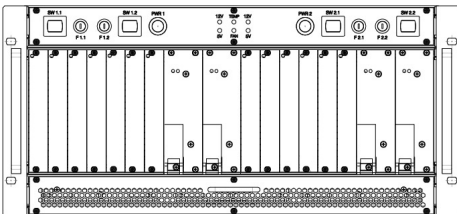
Dimensions	5U 84TE 363,2 mm
Mounting	19" rackmount Backward front boards Option available: Telescopic slides
Form Factor	3U Modules, vertical mounting
Material	Aluminum
Surface Coating	Surtech 650
Cooling	Front to top airflow
Accessori inclusi	<ul style="list-style-type: none">• EMC Protection• Leds for voltage presence• Power plug for each section and fuse• Switch On/Off for each PSU• Shutdown CPU for each section• Dedicated power input for each section, 3W3 connector• Removable drawer N.3 fans• Card slides
Options	<ul style="list-style-type: none">• Rugged versions• Customized versions• Fans status and temperature control modules• Remote monitoring module for voltages, temperature and fans status

Backplane

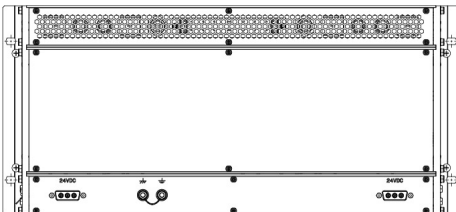
Two independent sections each of them with a 3U CompactPCI Serial Backplane, 3-6 slots

Layout

Front



Rear



Power Supply

3U Modular PSU
power input: 16.8-137.5V DC, 300W
Redundant PSU for each section

Environmental Specifications

Shock	15g/11ms
Vibrations	1.5g 5÷200Hz (sinusoidal 3 axes)
Humidity	93% @ 40°C, non-condensed (IEC 60068-2-78)
Protection (IEC 60529)	IP20
Operative temperature	0°C ÷ +55°C - required 20CFM ventilation
Storage temperature	-40°C ÷ +85°C