MIC-3956

3U CompactPCI DC110V input Power Supply Unit



Features

- 3U x 8HP CPCI form factor
- M12 or Wago DC-IN Connector
- +12V, +5V , +3.3V Output
- Wide Operating Temp.-40 ~ +70 °C
- Meet EN50155 Class S2 & C2 compliance

Introduction

MIC-3956 series are 3U/8HP CompactPCI power supply unit, which can accept 110VDC as input voltage via connector in front panel. There are two SKUs for your application: one is 120W with M12 Connector and another is 250W with Wago Connector as input interface.

Specifications

Power		Y5A3956003		Y5A3956004	
Input (DC)	Range	70-137.5V		70-137.5V	
	Typical	110V		110V	
	Input Conn.	M12 Connector		Wago Connector	
Current	Typical	1.5A		3A	
Output		Voltage (V)	Max.load	Voltage	Max.load
	Output 1	+12V	5.1 A	+12V	6.5A
	Output 2	+5V	9.2 A	+5V	30A
	Output 3	–	–	+3.3V	10.5A
	Note	If 5V only, max load can be 12A If 12V only, max load can be 10A		If 12V only, max load can be 20A If 5V only, max load can be 40A If 3.3V only, max load can be 20A	
Protection	Typical	5V@20A; 12V@16A Meet EN50155 Class S2 & C2 compliance		3.3V@30A; 5V@45A; 12V@13A Meet EN50155 Class S2 & C2 compliance	
Environment	Operating Temperature	-40 ~ +70 °C		-40 ~ +70 °C	
	Humidity	5-95% non-condensing		5-95% non-condensing	

Ordering Information

PN	Description
Y5A3956003	3U/8HP DC 110V/120W M12 DC-IN Connector
Y5A3956004	3U/8HP DC 110V/250W Wago DC-IN Connector

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Recommended Configuration

	CPU Board			Peripheral I/O Board		
P/N	MIC-3328	MIC-3329	MIC-3332	MIC-3955	MIC-3958	MIC-3954
Y5A3956003	X	√	X	√	√	√
Y5A3956004	√	√	√	√	√	√

CPU and Peripheral I/O Board Description

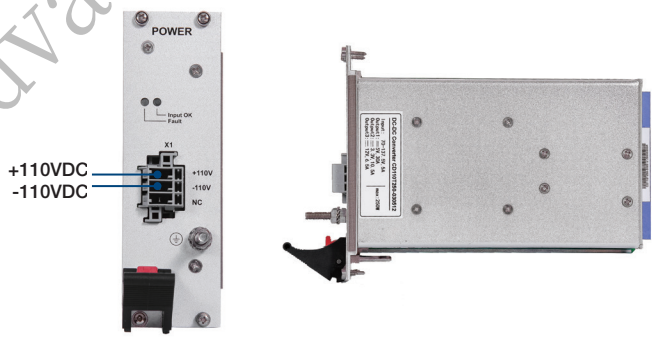
Models	Description
MIC-3328	3U CompactPCI 3rd generation Ivy bridge Intel® Core™ i3/i7 Processor Blades, Plus IO support optional
MIC-3329	3U CompactPCI Atom Bay Trail Processor Blades
MIC-3332	3U CompactPCI 6th generation Skylake Intel® Core™ i7/Xeon E3 Processor Blades, Plus IO support optional
MIC-3955	3U CompactPCI RS485/422/232 Serial card
MIC-3958	3U CompactPCI GbE Ethernet Card
MIC-3954	3U CompactPCI-Serial SSD/HDD or Mini-PCIE Carrier card

Product Picture

Y5A3956003



Y5A3956004



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