

iConverter® 1-Module Industrial Power Chassis

The iConverter 1-Module Industrial Power Chassis is a compact, versatile chassis featuring a single or dual DC terminal power connection supporting 12 to 36VDC or 20 to 60VDC providing flexible installation options.

Utilizing the combination of iConverter modules and 1-Module Industrial chassis enables a full range of industrial network applications, such as access control, data acquisition and Industrial Internet of Things (IIoT) to be supported. This includes a wide range of copper and fiber industrial applications by utilizing selected iConverter module.

The chassis can be DIN-rail mounted using the included DIN-rail mounting clip or wall mounted using the optional wall mounting plate. The chassis operates over a temperature range of -40 to +75°C.



Plug-in Modules not included

SPECIFICATIONS

Description	1-Module DC 12 to 36 VDC	1-Module DC 20 to 60 VDC
Regulatory Compliances ¹	UL, CE, FCC Class A, NEBS Level 3, RoHS, WEEE, REACH	
Input Power Requirements (typical)	+/-12 to +/-36 VDC 1.5A Max @ 12VDC	+/-20 to +/-60 VDC 0.8A Max @ 20VDC
Output Power	10.0 watts 3.0A @ 3.3VDC	
Power Connector	2 Position Terminal (Isolated)	
Dimensions	W: 1.5" x D: 5.5" x H: 5.5" L: 38.1 mm x B: 139.7 mm x H: 139.7 mm	
Weight	1.5 lbs. (0.68 kg)	
Temperature	Commercial: 0 to 50°C Wide: -40 to 60°C Extended: -40 to 75°C Storage: -40 to 80°C	
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4,000m	
MTBF (hrs)	517,000	
Warranty	5 year warranty with 24/7/365 free Technical Support	

¹ Pending

KEY FEATURES

- 1-Module Industrial Power Chassis
- Single or dual DC power for redundancy
- DC input supports 12 to 36VDC or 20 to 60VDC
- Dying Gasp (Power Loss Trap)*
- LED indicators for each power source
- Wall, Rack or DIN-rail mountable
- Fan-less design for long life
- Commercial (0 to +50°C), wide (-40 to +60°C) and extended (-40 to +75°C) operating temperature ranges
- Made in the USA
- 5 Year Warranty and free 24/7 Technical Support

* Supported with managed module installed



SUPPORTED MODULES

The following table indicates the supported modules for the 1-Module Industrial chassis over the specific operating temperature ranges.

Speed	Description	Module Name Model # Range	Commercial Temp 0 to 50°C	Wide Temp -40 to 60°C	Extended Temp -40 to 75°C
10Mbps	Copper-to-Fiber Ethernet Media Converter 10 Copper to 10 Fiber	10FL/T 830x-x - 831x-x	x	x	
	Copper-to-Coax Ethernet Media Converter 10 Copper to 10 Coax	10T/2 8340-0	x	x	
100Mbps	Copper-to-Fiber Ethernet Media Converter 10/100 Copper to 100 Fiber	10/100 838x-x - 839x-x	x	x	x
1000Mbps	4-Port 10/100/1000 Copper Ethernet Switch Module	4GT 8482-4	x	x	x
	Dual Copper-to-Fiber Ethernet Media Converter 10/100/1000 Copper to 100/1000 Fiber	2GXT 8484-4	x	x	x
1000Mbps	Fiber-to-Fiber Ethernet Media Converter 1000 Fiber to 1000 Fiber	GX/X 854x-xx - 855x-xx	x	x	x
100 and 1000Mbps	Fiber-to-Fiber Ethernet Media Converter 1000 Fiber to 100 Fiber	GX/F 856x-xx	x	x	x
6Gbps to 11.32Gbps	Fiber-to-Fiber Converter/Transponder Power Level 2: SFP+ to SFP+	XG* 8599P-xx	x		
1Mbps to 8.5Gbps	Fiber-to-Fiber Converter/Transponder Protocol-Transparent (1M to 8.50G)	xFF 8699-x	x	x	x
Serial	Copper-to-Fiber RS-232 Media Converter Serial RS-232 to Fiber	RS232 876x-x - 877x-x	x	x	x
	Copper-to-Fiber RS-422/485 Media Converter Serial RS-422 / RS-485 to Fiber	RS422/485 878x-x - 879x-x	x	x	x
Managed 100Mbps	Copper-to-Fiber Ethernet Media Converter with Management 10/100 Copper to 100 Fiber	10/100M2 890xN-x - 891x-x	x	x	x
	Fiber-to-Fiber Ethernet Media Converter with Management 100 SFP to 100 SFP	2FXM2 8959N-0	x	x	x
Managed 1000Mbps	Copper-to-Fiber Ethernet Media Converter with Management 10/100/1000 Copper to 1000 Fiber	GX/TM2 892xN-x - 893xN-x	x		
	2 and 3-Port Copper-to-Fiber or Fiber-to-Fiber Ethernet Media Converter with Management 100/1000 Fiber to 100/1000 Fiber, 10/100/1000 Copper to 100/1000 Fiber, 10/100/1000 Copper to 10/100/1000 Copper	GM3 892xP-x - 893xP-x 897xP-x 8989P-0, 8999P-0	x	x	x

***NOTE: The iConverter XG+ and XGT+ 10G modules are not supported in the 1-Module Industrial Powered Chassis.**

ORDERING INFORMATION

Model Number	Description		
8270-1-pt	1-Module Chassis +/-12 to +/-36 VDC		
8270-2-pt	1-Module Chassis +/-20 to +/-60 VDC		
Base Model Number: 8270-x-pt			
Select the model from ordering table above.			
Add power option (p) and operating temperature range (t) to the model type selected.			
Power Options (p):			
1 = Single DC 2-Pin Terminal Power Connector	2 = Dual DC 2-Pin Terminal Power Connectors		
Operating Temperature Options (t):			
<leave blank> = Commercial temperature (0 to 50°C)	W = Wide temperature (-40 to 60°C)		
Z = Extended temperature (-40 to 75°C)			
Model Number	Description	Model Number	Description
8260-3	Wall-Mount Plate	8260-0	19" Rack-Mount Shelf

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