



AMPINERGY Modular Power Distribution Products



Power Distribution Product Coverage*

Tyco Electronics warrants that all AMPINNERGY power distribution system products within this catalog will be delivered free from defects in material and workmanship or Tyco Electronics will repair or replace the product.

AMPINNERGY Power Distribution System Warranty:

90-day for the AMPINNERGY power components, providing they are installed per the applicable instruction sheet and the overall system is installed in accordance with the AMP NETCONNECT AMPINNERGY Layout and Planning Manual.

Who's Covered

Unlike most systems suppliers, Tyco Electronics provides warranty coverage directly to the end user. Many suppliers provide coverage to the installers, who then provide coverage to the customer. But with Tyco Electronics warranties, there are no middlemen. The warranties are between you and Tyco Electronics.

For more information, please visit:
<http://www.tycoelectronics.com/aboutus/pdf/tc.pdf>

or call:
1-800-553-0938

Outside the U.S., please contact your local AMP NETCONNECT product sales office.

People & Products To Answer The Cabling Challenge.

Cabling a retail store, casino or office building can be complex. Yet the solution for productive connectivity and cable management can be as simple as talking to the right people - The AMP NETCONNECT business unit of Tyco Electronics.

The reason is what we bring to the building infrastructure challenges you face. In-depth technical knowledge and expertise from decades of experience. Innovative technologies from ongoing R&D. And quality products for every power, data, voice and video networking need. One of the broadest lines in the industry, in fact.

Additionally, it's what we do to answer the challenge: develop and deliver integrated, made-to-order solutions that optimize network performance, increase productivity and produce more immediate return-on-investment.

And it's not just providing technology. It's making sure solutions are efficiently and effectively installed: working with distributors and customers so products are delivered when and where you need them. And maintaining a global network of certified installation contractors.

It all means, simply, that AMP NETCONNECT cabling systems provide the answers you're looking for: the whole solution for any cabling challenge. From the ground up.

*Some conditions may apply. AMP NETCONNECT Home Net-Works Systems qualify for a 25 year component warranty only. For more information, please visit www.ampnetconnect.com or call 1-800-553-0938. Outside the U.S., please contact your local AMP NETCONNECT product sales office.

AMPINNERGY Modular Power Distribution System Layout and Planning Manual



- Everything you need to know to make your installation a success
- Example layouts, usage diagrams, interconnection instructions and more
- Get a free, downloadable copy today by visiting:

<http://www.ampnetconnect.com/literature/manuals>

Description

AMPINNERGY Modular Power Distribution System, Layout and Planning Manual

Document Number

409-12423



AMPINERGY Layout and Planning Manual	02
AMPINERGY Line Entry Cable Assemblies	02
AMPINERGY Power Entry Cable Assemblies	03
AMPINERGY Power Transition Units	04
AMPINERGY Zone Power Distribution Kit.....	04
AMPINERGY Power-to-Power Cable Assemblies	05
AMPINERGY Power-to-Line Cable Assemblies	06
AMPINERGY Power Distribution Modules (PDMs)	06
AMPINERGY Modular Duplex Receptacles	07
AMPINERGY Junction Boxes	08 – 09
AMPINERGY Mounting Brackets.....	10
AMPINERGY Keyhole Mount, Modular Receptacle, Power Strips	11
AMPINERGY Single Receptacle, Power Strips	11
AMPINERGY Wire Mesh Rack Mount, Modular Receptacle, Power Strips	12

Chapter Summary

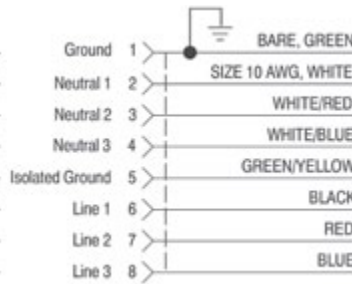
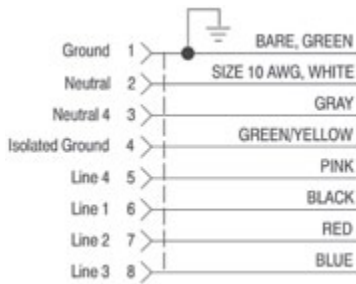
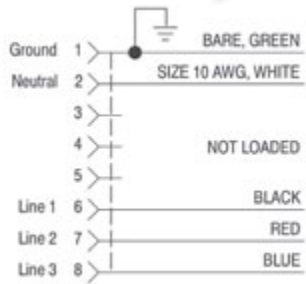
The AMP NETCONNECT AMPINERGY modular power distribution system can be used to deliver power to workstations in raised floor installations through AMP NETCONNECT AFWMs (Access Floor Work Station Modules), modular office systems furniture panels, retail store display fixtures, gaming fixtures and other methods as allowed by the NEC, CEC and local electrical codes.

The modular wiring system is available in 5-wire/3-circuit, 8-wire/4-circuit shared neutral, and 8-wire/3-circuit dedicated neutral versions. The 5 and 8-wire versions have a 5.29 mm² [10 AWG] conductor (neutral) to accommodate higher currents due to third-order harmonics present with some installations. The 8-wire shared neutral configuration has a separate 3.32 mm² [12 AWG] neutral and isolated ground for the fourth circuit to allow an isolated, dedicated circuit for equipment sensitive to power line noise.

Section Facts

- ⦿ AMPINERGY System is rated 20 Amps per circuit, 125/250 VAC
- ⦿ UL Listed
 - ⦿ UL 183, File: E132626
- ⦿ UL Recognized Component
 - ⦿ UL 498, File: E146448
 - ⦿ UL 1286, File: E101904
- ⦿ CSA Certified, File: 7189
 - ⦿ CSA 22.2 number 203
 - ⦿ CSA 22.2 number 203.1
 - ⦿ CSA 22.2 number 42
- ⦿ Complies with
 - ⦿ NEC 2008 § 604
 - ⦿ NEC 2008 § 605
 - ⦿ NEC 2008 § 300.22(c)
 - ⦿ CEC 2009 § 12-2500
 - ⦿ CEC 2009 § 12-010
- ⦿ System and components are available in a modular, shared neutral 5-wire/3 circuit, 8 wire/4 circuit, and dedicated neutral, 8-wire/3 circuit design
- ⦿ Isolated ground circuit available in 8 wire configurations
- ⦿ All components are plug and play system compatible
- ⦿ All components are polarized and keyed to facilitate proper connection of components
- ⦿ Multi-circuit power strips available in 3 or 4 circuit configuration
- ⦿ Zone Distribution Modules available in up to 12 circuit configuration
- ⦿ Layout and planning manual available for your CAD designer
- ⦿ Contact AMP NETCONNECT Business Unit for construction specifications written in Construction Specifications Institute (CSI) or Construction Specifications Canada (CSC)

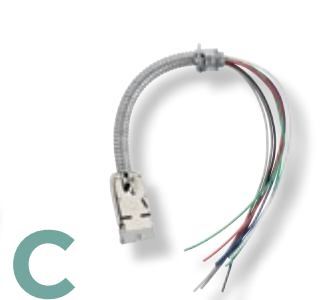
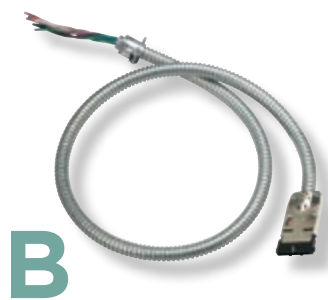
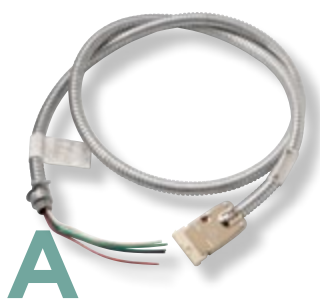
AMPINNERGY Line Entry Cable Assemblies



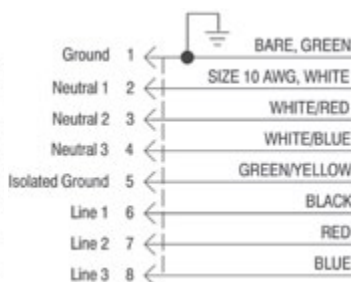
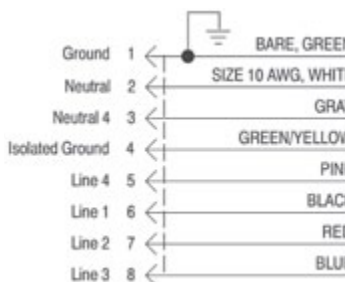
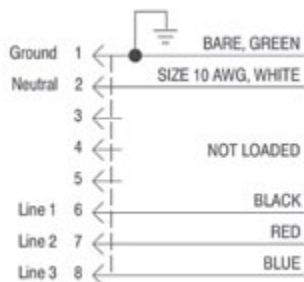
- Used to interface between manufactured wiring and other wiring systems such as building wiring, fixture wiring, or access floor workstation module wiring
- Female connector
- Mates to power connector cable assemblies
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing

Wiring System	Length of Exposed Conductors	Neutral Size	Figure	Length ft	Length [m]	Part Numbers
5-Wire/3 Circuit (3-1-1), Shared Neutral	12 in [30.48 cm]	10 AWG	A	1.33	[0.40]	557652-1
				8	[2.44]	557652-3
				1	[0.30]	556148-1
				2	[0.61]	556148-2
				3	[0.91]	556148-3
8-Wire/4 Circuit (4-2-2), Shared Neutral	12 in [30.48 cm]	10/12 AWG	B	4	[1.22]	556148-4
				5	[1.52]	556148-5
				10	[3.05]	1-556148-0
				15	[4.57]	1-556148-5
				20	[6.10]	2-556148-0
				25	[7.62]	2-556148-5
				30	[9.14]	3-556148-0
				40	[12.19]	3-556148-2
				50	[15.24]	3-556148-1
				8-Wire/3 Circuit (3-3-2), Dedicated Neutral	12 in [30.48 cm]	10/12 AWG
2	[0.61]	1933403-2				
3	[0.91]	1933403-3				
4	[1.22]	1933403-4				
5	[1.52]	1933403-5				
10	[3.05]	1-1933403-0				
15	[4.57]	1-1933403-5				
20	[6.10]	2-1933403-0				
25	[7.62]	2-1933403-5				
30	[9.14]	3-1933403-0				
40	[12.19]	4-1933403-0				
50	[15.24]	5-1933403-0				

AMPINERGY Power Entry Cable Assemblies



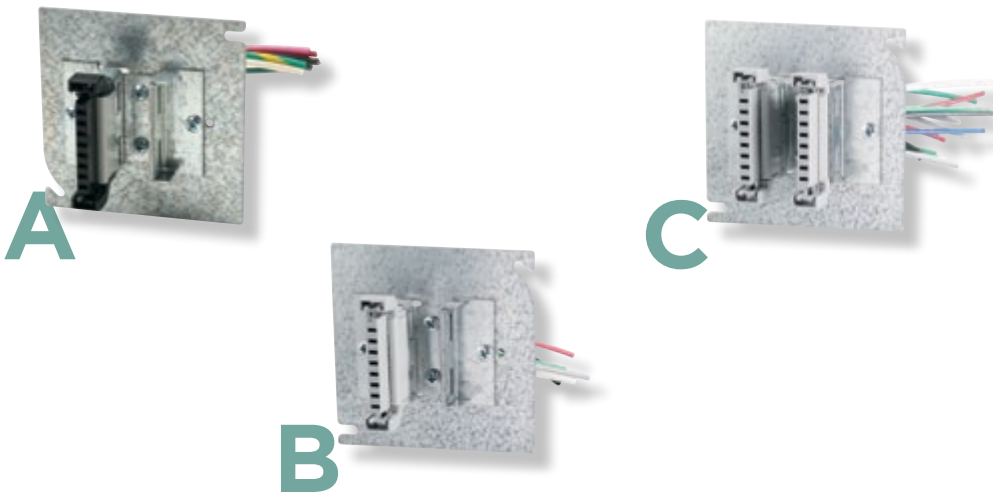
- Used to interface between manufactured wiring and other wiring systems, such as building wiring, fixture wiring, or access floor module wiring
- Male connector
- Mates to line connector cable assemblies, power junction boxes, power distribution modules (PDMs), zone distribution modules (ZDBs) and power transition units (PTUs)
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing



Wiring System	Length of Exposed Conductors	Neutral Size	Figure	ft	Length [m]	Part Numbers
5-Wire/3 Circuit (3-1-1), Shared Neutral	12 in [30.48 cm]	10 AWG	A	2	[0.61]	555858-1
				3	[0.91]	555858-2
				4	[1.22]	555858-3
				5	[1.52]	2-555858-6
				10	[3.05]	555858-9
				15	[4.57]	1-555858-5
				20	[6.10]	1-555858-3
				25	[7.62]	1-555858-0
				30	[9.14]	2-555858-4
				40	[12.19]	2-555858-7
8-Wire/4 Circuit (4-2-2), Shared Neutral	12 in [30.48 cm]	10/12 AWG	B	2	[0.61]	555856-1
				3	[0.91]	555856-2
				4	[1.22]	555856-3
				5	[1.52]	555856-8
				10	[3.05]	1-555856-4
				15	[4.57]	1-555856-3
				20	[6.10]	1-555856-6
				25	[7.62]	555856-7
				30	[9.14]	1-555856-9
				40	[12.19]	2-555856-0
8-Wire/3 Circuit (3-3-2), Dedicated Neutral	12 in [30.48 cm]	10/12 AWG	C	2	[0.61]	1933402-2
				3	[0.91]	1933402-3
				4	[1.22]	1933402-4
				5	[1.52]	1933402-5
				10	[3.05]	1-1933402-0
				15	[4.57]	1-1933402-5
				20	[6.10]	2-1933402-0
				25	[7.62]	2-1933402-5
				30	[9.14]	3-1933402-0
				40	[12.19]	4-1933402-0
50	[15.24]	5-1933402-0				

AMPINNERGY Power Transition Units

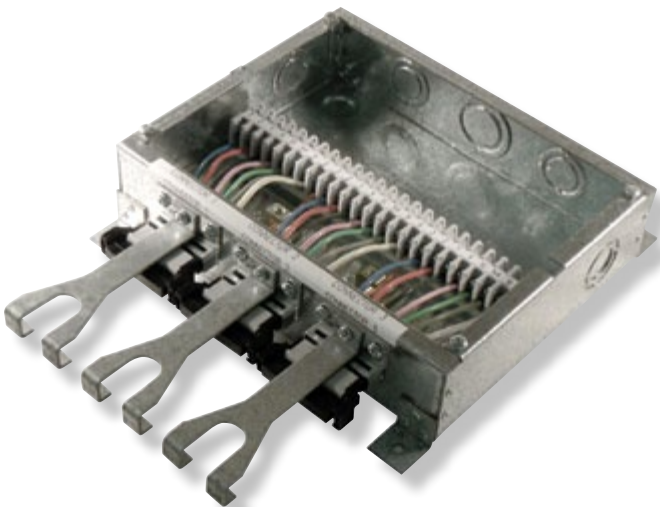
21



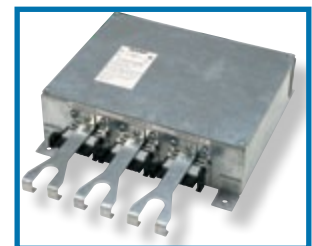
- Provides interface for building power to manufactured wiring system
- Female connector
- Four inch faceplate equipped with one or two hard wired line connectors to fit standard, customer supplied, four inch junction box
- Mates with power cable assemblies
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing

Wiring System	Line Connectors	Figure	Part Numbers
5-Wire/3 Circuit (3-1-1), Shared Neutral	1		556190-1
	2		556190-2
8-Wire/4 Circuit (4-2-2), Shared Neutral	1	A	556191-1
	2		556191-2
8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1	B	1933399-1
	2	C	1933399-2

AMPINNERGY Zone Power Distribution Kit

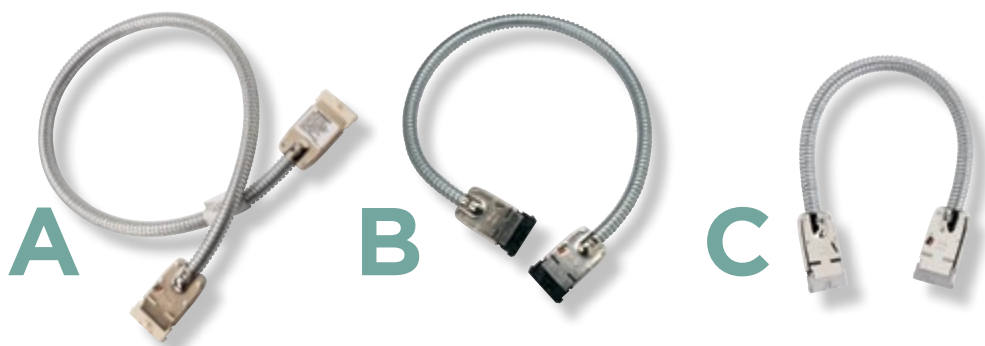


- Equipped with 3 bulkhead mounted AMPINNERGY line connectors with an enclosure mounted strain relief attached for each AMPINNERGY cable assembly
- Female connector
- 24-position terminal strip allows easy transition between building wiring and manufactured wiring
- Terminal strip accepts up to 8 AWG wire for incoming building wiring
- Multiple knockout sizes (½ in, ¾ in, 1 in, 1 ¼ in) accommodate a variety of field installation requirements
- Factory assembled and tested
- External mounting legs secure kit to floor



Wiring System	Number of Circuits	Part Numbers
Shared Neutral (5-Wire/3 Circuit (3-1-1) and 8-Wire/4 Circuit (4-2-2))	Up to 12	1933419-8
Dedicated Neutral (8-Wire/3 Circuit (3-3-2))	Up to 9	1933419-3

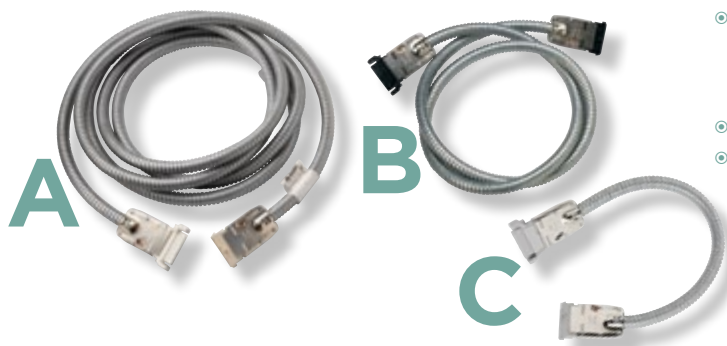
AMPINERGY Power-to-Power Cable Assemblies



- Used to jumper system components together
- Male connectors both ends
- Mates with line connector cable assemblies, power junction boxes, power distribution modules, zone distribution modules, and power transition units
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing

Wiring System	Neutral Size	Figure	Length		Part Numbers			
			ft	[m]				
5-Wire/3 Circuit (3-1-1), Shared Neutral	10 AWG	A	2	[0.61]	2-556212-0			
			3	[0.91]	3-556212-3			
			4	[1.22]	1-556212-5			
			5	[1.52]	3-556212-6			
			10	[3.05]	3-556212-1			
			15	[4.57]	2-556212-3			
			20	[6.10]	7-556212-1			
			25	[7.62]	4-556212-5			
			30	[9.14]	7-556212-2			
			40	[12.19]	7-556212-3			
			50	[15.24]	4-556212-8			
			8-Wire/4 Circuit (4-2-2), Shared Neutral	10/12 AWG	B	2	[0.61]	2-556127-4
						3	[0.91]	1-556127-8
4	[1.22]	1-556127-5						
5	[1.52]	2-556127-7						
10	[3.05]	5-556127-6						
15	[4.57]	3-556127-3						
20	[6.10]	7-556127-9						
25	[7.62]	7-556127-1						
30	[9.14]	8-556127-7						
40	[12.19]	8-556127-8						
50	[15.24]	5-556127-5						
8-Wire/3 Circuit (3-3-2), Dedicated Neutral	10/12 AWG	C				2	[0.61]	1933400-2
						3	[0.91]	1933400-3
			4	[1.22]	1933400-4			
			5	[1.52]	1933400-5			
			10	[3.05]	1-1933400-0			
			15	[4.57]	1-1933400-5			
			20	[6.10]	2-1933400-0			
			25	[7.62]	2-1933400-5			
			30	[9.14]	3-1933400-0			
			40	[12.19]	4-1933400-0			
			50	[15.24]	5-1933400-0			

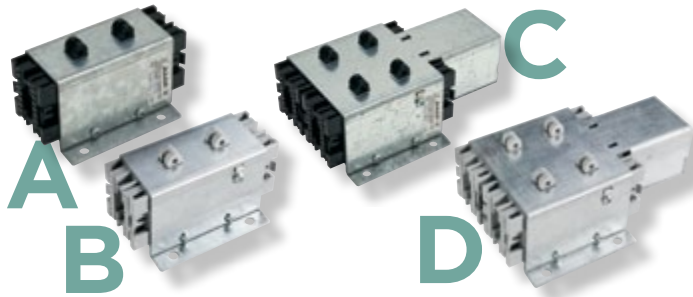
AMPINNERGY Power-to-Line Cable Assemblies



- Used to jumper system components together and can be used to extend power-to-power cable assemblies
- Male to female connectors
- Mates with power connector and line connector cable assemblies, power junction boxes, power distribution modules, zone distribution modules, and power transition units
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing

Wiring System	Neutral Size	Figure	Length ft	Length [m]	Part Numbers
5-Wire/3 Circuit (3-1-1), Shared Neutral	10 AWG	A	4	[1.22]	1-556730-0
			15	[4.57]	556730-3
			50	[15.24]	1-556730-3
8-Wire/4 Circuit (4-2-2), Shared Neutral	10/12 AWG	B	2	[0.61]	556731-6
			3	[0.91]	556731-8
			4	[1.22]	1-556731-0
			5	[1.52]	1-556731-1
			10	[3.05]	2-556731-5
			15	[4.57]	556731-3
			20	[6.10]	2-556731-6
			25	[7.62]	2-556731-4
			30	[9.14]	2-556731-8
			40	[12.19]	2-556731-9
8-Wire/3 Circuit (3-3-2), Dedicated Neutral	10/12 AWG	C	2	[0.61]	1933401-2
			3	[0.91]	1933401-3
			4	[1.22]	1933401-4
			5	[1.52]	1933401-5
			10	[3.05]	1-1933401-0
			15	[4.57]	1-1933401-5
			20	[6.10]	2-1933401-0
			25	[7.62]	2-1933401-5
			30	[9.14]	3-1933401-0
			40	[12.19]	4-1933401-0
50	[15.24]	5-1933401-0			

AMPINNERGY Power Distribution Modules (PDMs)



- Mates with power connector cable assemblies
- Female connectors
- Rated at 125/250 VAC, 20 A
- All PDM Units are bidirectional
- 4-port PDMs allow for circuits to be distributed in 3 directions
- 6-port PDMs allow for circuits to be distributed in 5 directions
- Lower profile PDM available upon request
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, white housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing

Description	Length in	Power Ports	Figure	Part Numbers
Power Distribution Module (PDM), Standard Height, with Lug Mounts	2.78 [7.07]	4	A	5-Wire/3 Circuit (3-1-1), Shared Neutral 8-Wire/4 Circuit (4-2-2), Shared Neutral
			B	8-Wire/3 Circuit (3-3-2), Dedicated Neutral
			C	5-Wire/3 Circuit (3-1-1), Shared Neutral
			D	8-Wire/4 Circuit (4-2-2), Shared Neutral
		6	C	8-Wire/4 Circuit (4-2-2), Shared Neutral
			D	8-Wire/3 Circuit (3-3-2), Dedicated Neutral
				556173-2
				556173-1
		1933405-1		
		556794-2		
		556794-1		
		1933472-1		

AMPINNERGY Modular Duplex Receptacles

Blank Modular Receptacle

Panel Thickness in	[cm]	Figure	Color	Part Number
2.0	[50.8]	A	Black	1933011-1

A



5-Wire (3-1-1), Shared Neutral Modular Receptacles

Line	Amperage	Panel Thickness		Color	Figure	Part Numbers
		in	[cm]			
1	20	2.0	[50.8]	Black	B	406248-1
		2.5	[63.5]	Black		406265-1
2	20	2.0	[50.8]	Black		406249-1
		2.5	[63.5]	Black		406266-1
3	20	2.0	[50.8]	Black		406250-1
		2.5	[63.5]	Black		406267-1

B



8-Wire (4-2-2), Shared Neutral Modular Receptacles

Line	Amperage	Panel Thickness		Color	Figure	Part Numbers
		in	[cm]			
1	20	2.0	[50.8]	Black	B	406248-1
		2.5	[63.5]	Black		406265-1
2	20	2.0	[50.8]	Black		406249-1
		2.5	[63.5]	Black		406266-1
3	20	2.0	[50.8]	Black		406250-1
		2.5	[63.5]	Black		406267-1
4	20	2.0	[50.8]	Black		406251-1
		2.5	[63.5]	Black		406268-1

C



8-Wire (4-2-2), Shared Neutral, Isolated Ground Modular Receptacles

Line	Amperage	Panel Thickness		Color	Figure	Part Numbers
		in	[cm]			
1G	20	2.0	[50.8]	Orange		406252-2
		2.5	[63.5]	Orange		406269-2
2G	20	2.0	[50.8]	Orange		406253-2
		2.5	[63.5]	Orange		406270-2
3G	20	2.0	[50.8]	Orange		406254-2
		2.5	[63.5]	Orange		406271-2
4G	20	2.0	[50.8]	Orange		406255-2
		2.5	[63.5]	Orange		406272-2
5G	20	2.5	[63.5]	Orange		406273-2

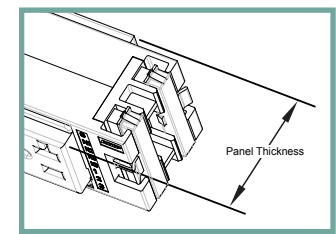
D



8-Wire (3-3-2), Dedicated Neutral Modular Receptacles

Line	Amperage	Panel Thickness		Color	Figure	Part Numbers
		in	[cm]			
1	20	2.0	[50.8]	Black	C	1933393-1
2	20	2.0	[50.8]	Black	D	1933394-1
3	20	2.0	[50.8]	Black	E	1933395-1

E



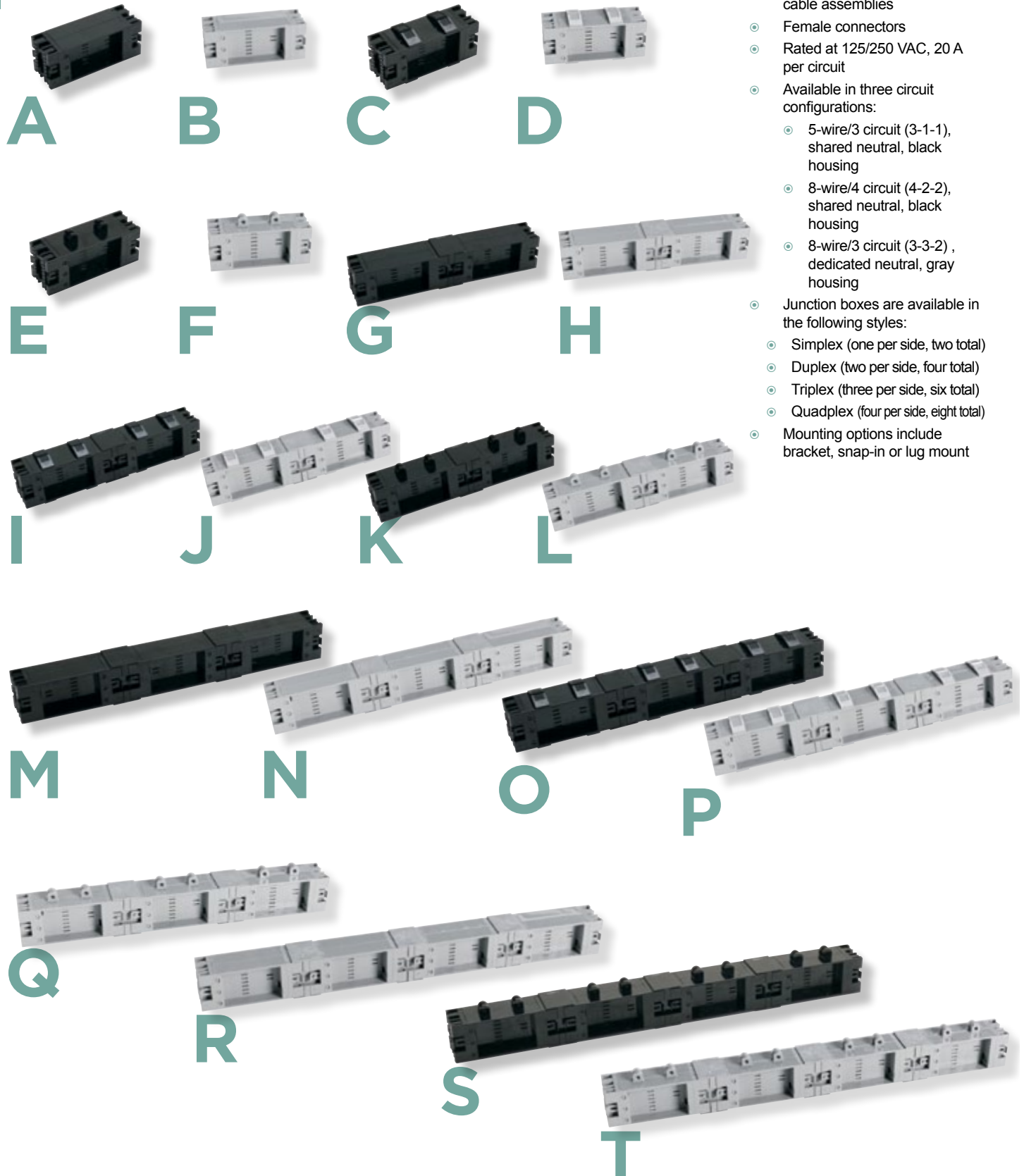
8-Wire (3-3-2), Dedicated Neutral, Isolated Ground Modular Receptacles

Line	Amperage	Panel Thickness		Color	Figure	Part Numbers
		in	[cm]			
1G	20	2.0	[50.8]	Orange		1933396-2
2G	20	2.0	[50.8]	Orange	F	1933397-2
3G	20	2.0	[50.8]	Orange		1933398-2

F

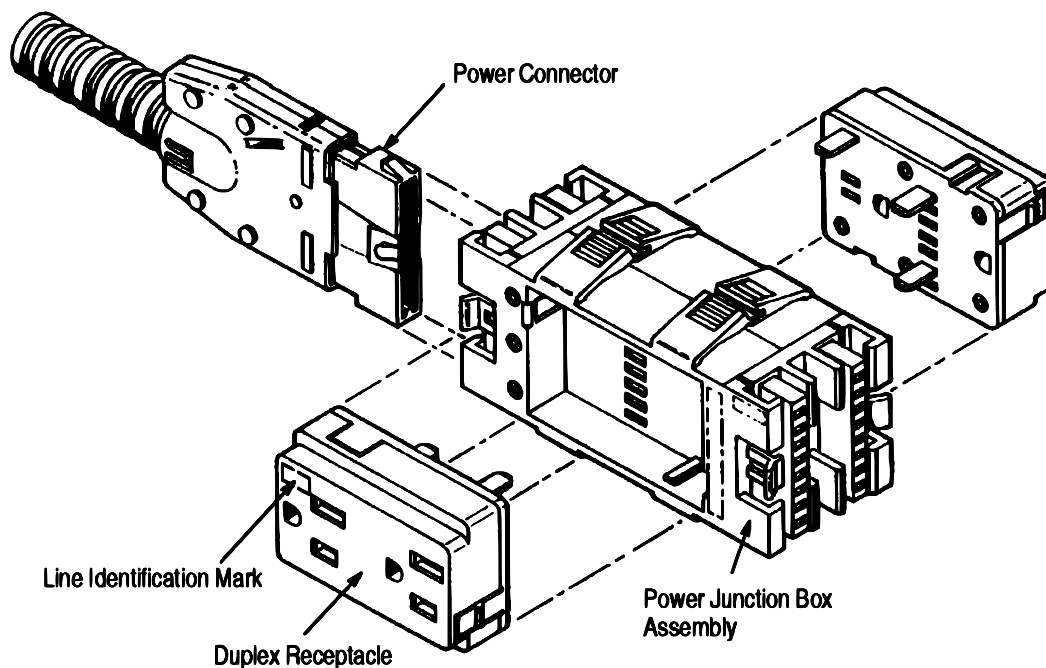


- Mates with power junction boxes and modular power strips
- Rated at 125 VAC, 20 A
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, black housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing
- Meets NEMA 5-20R
- Available with standard or isolated ground
- Active line clearly indicated
- For 8-wire systems with isolated ground, isolated ground is marked with a triangle
- 3-3-2 and 8-wire 20 A isolated ground receptacles are orange, other receptacles are black
- Fully polarized and keyed
- Fits panel thicknesses of 2 in [50.8 mm] or 2.5 in [63.5 mm]
- Designed to accommodate field "plug-and-play" changes for phase and load balancing
- NOTE: 2 inch versions are most common and readily available



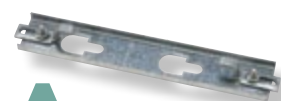
- Mates with power connector cable assemblies
- Female connectors
- Rated at 125/250 VAC, 20 A per circuit
- Available in three circuit configurations:
 - 5-wire/3 circuit (3-1-1), shared neutral, black housing
 - 8-wire/4 circuit (4-2-2), shared neutral, black housing
 - 8-wire/3 circuit (3-3-2), dedicated neutral, gray housing
- Junction boxes are available in the following styles:
 - Simplex (one per side, two total)
 - Duplex (two per side, four total)
 - Triplex (three per side, six total)
 - Quadplex (four per side, eight total)
- Mounting options include bracket, snap-in or lug mount

Description	Total Receptacles Accepted	Mounting Option	Figure	Part Numbers		
Simplex Junction Boxes	2	Bracket	5-Wire/3 Circuit (3-1-1), Shared Neutral	556887-1		
			A 8-Wire/4 Circuit (4-2-2), Shared Neutral	556888-1		
			B 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933381-1		
			Snap-in	5-Wire/3 Circuit (3-1-1), Shared Neutral	556209-1	
				C 8-Wire/4 Circuit (4-2-2), Shared Neutral	556124-1	
				D 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933382-1	
		Lug	5-Wire/3 Circuit (3-1-1), Shared Neutral	556217-1		
			E 8-Wire/4 Circuit (4-2-2), Shared Neutral	556132-1		
			F 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933383-1		
		Duplex Junction Boxes	4	Bracket	5-Wire/3 Circuit (3-1-1), Shared Neutral	556886-1
					G 8-Wire/4 Circuit (4-2-2), Shared Neutral	556946-1
					H 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933384-1
Snap-in	5-Wire/3 Circuit (3-1-1), Shared Neutral				555844-1	
	I 8-Wire/4 Circuit (4-2-2), Shared Neutral				555843-1	
	J 8-Wire/3 Circuit (3-3-2), Dedicated Neutral				1933385-1	
Lug	5-Wire/3 Circuit (3-1-1), Shared Neutral			555848-1		
	K 8-Wire/4 Circuit (4-2-2), Shared Neutral			555847-1		
	L 8-Wire/3 Circuit (3-3-2), Dedicated Neutral			1933386-1		
Triplex Junction Boxes	6			Bracket	M 8-Wire/4 Circuit (4-2-2), Shared Neutral	557802-2
					N 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933387-1
				Snap-in	O 8-Wire/4 Circuit (4-2-2), Shared Neutral	557802-1
		P 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933388-1			
		Lug	8-Wire/4 Circuit (4-2-2), Shared Neutral	1479653-1		
			Q 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933389-1		
Quadplex Junction Boxes	8	Bracket	8-Wire/4 Circuit (4-2-2), Shared Neutral	557950-1		
			R 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933390-1		
		Snap-in	8-Wire/4 Circuit (4-2-2), Shared Neutral	1479120-1		
			8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933391-1		
		Lug	S 8-Wire/4 Circuit (4-2-2), Shared Neutral	1479442-1		
			T 8-Wire/3 Circuit (3-3-2), Dedicated Neutral	1933392-1		



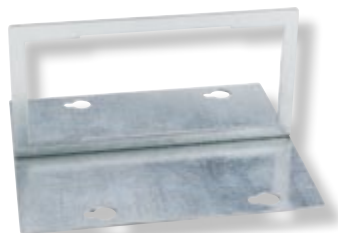
AMPINNERGY Mounting Brackets

21

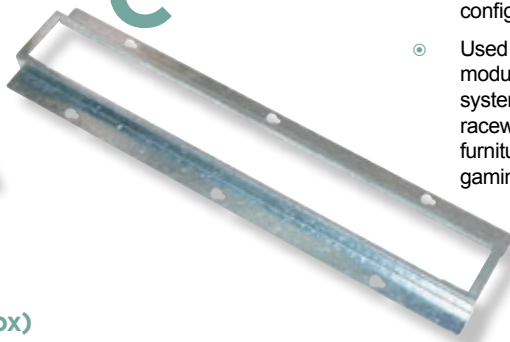


A

B



C

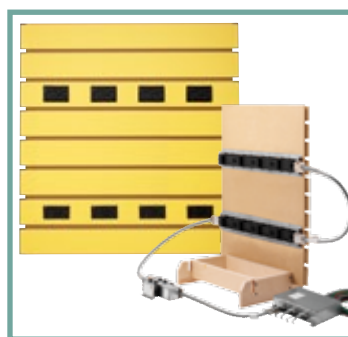
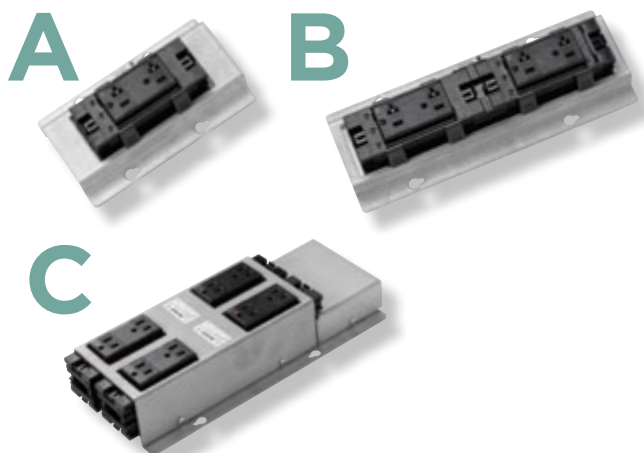


Example of 1933781-1 loaded with 1933382-1 (Snap-in Mount, Junction Box)

- Contact your local AMP NETCONNECT product sales engineer for the availability of other bracket configurations
- Used to retrofit AMPINNERGY modular power distribution system junction boxes into raceways of existing modular furniture panels, retail and gaming fixtures

Description	Works With	Type	Figure	Part Numbers
Bracket	Bracket Mount Junction Boxes	Standard	A	556920-1
		Multiplex		556944-1
Vertical Keyhole Mount Bracket	Snap-in Mount, Junction Boxes	Single	B	1933781-1
		Duplex		1933781-2
		Single		1479217-1
Horizontal Keyhole Mount Bracket	Snap-in Mount, Junction Boxes	Duplex	C	1479219-1
		Triplex		1933939-1
		Quadplex		1933940-1

AMPINNERGY Keyhole Mount, Modular Receptacle, Power Strips



Example of T-slot Wall Installation

- Used for T-slot or surface mount wall and counter applications
- Female connectors
- Accept modular, duplex receptacles as listed
- Mates with power cable assemblies
- Polarized and keyed
- Rated at 125/250 VAC, 20 A per circuit

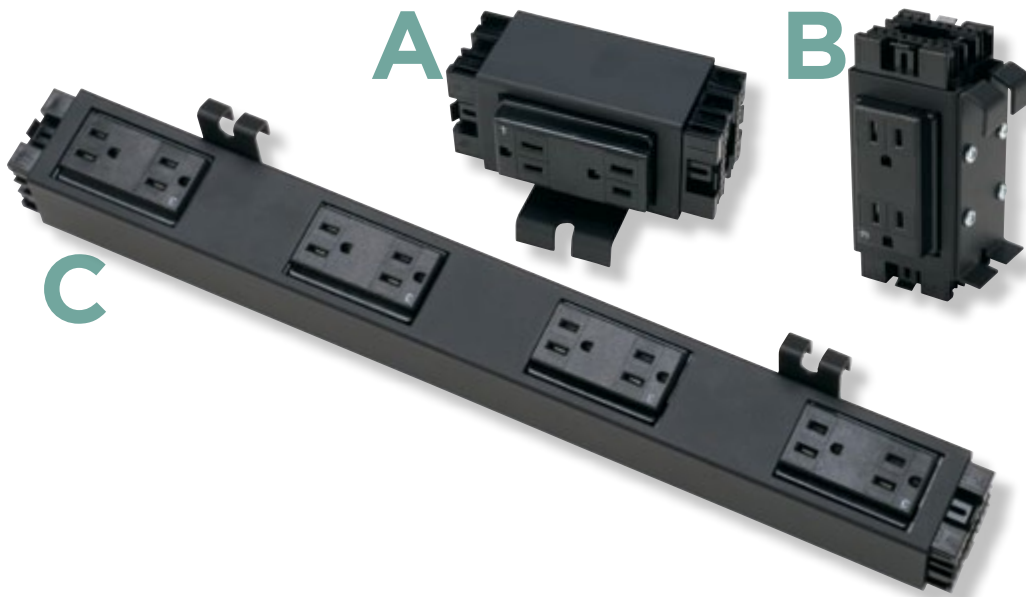
Description	Included Modular Duplex Receptacles	Amperage	Wiring System	Figure	Line 1	Line 2	Line 3	Line 4
Simplex Power Strip	1	20 A	8-Wire/4 Circuit (4-2-2)	A	1479218-1	1479218-2	1479218-3	1479218-4
			8-Wire/3 Circuit (3-3-2)		1933413-1	1933413-2	1933413-3	-
Duplex Power Strip	2	20 A	8-Wire/4 Circuit (4-2-2)	B	1479220-1	1479220-2	1479220-3	1479220-4
			8-Wire/3 Circuit (3-3-2)		1933414-1	1933414-2	1933414-3	-
Quadplex Power Strip	4	20 A	8-Wire/4 Circuit (4-2-2)	C	1479216-1	1479216-2	1479216-3	1479216-4
			8-Wire/3 Circuit (3-3-2)		1933415-1	1933415-2	1933415-3	-

AMPINNERGY Single Receptacle, Power Strips



- 557958 features AMPINNERGY power connector which allows connection to AMPINNERGY junction box of PDM
- 1479544 features a standard, three prong (NEMA-5-15) plug
- Rated at 125/250 VAC, 15 A

Description	Included Receptacles	Line	Figure	Part Numbers
Power Strip, with 10 ft Power (Male) Connector Cable	8 Fixed, Single	1	A	557958-1
Power Strip, with 6 ft Cable and 3 (NEMA-5-15) Prong	5 Fixed, Single		B	1479544-1



- Used for T-slot or surface mount wall and counter applications
- Female connectors
- Allows connection to AMPINNERGY junction box or PDM when using power-to-power cable assemblies
- Modular Receptacles can be field changed for phase balancing - additional line receptacles are ordered separately
- Designed to allow availability of up to four circuits at each receptacle port opening when using the AMPINNERGY 8-wire four circuit system
- Accepts modular, duplex receptacles as listed
- Mates with power cable assemblies
- Polarized and keyed
- Rated at 125/250 VAC, 20 A per circuit

Description	Included Receptacles	Orientation	Amperage	Figure	Line	Part Numbers	
Simplex Power Strip, Double Sided	2 Modular Duplex Receptacle	Horizontal Rack	15 A	A	1	3-1479093-1	
					2	3-1479093-2	
					3	3-1479093-3	
					4	3-1479093-4	
		Vertical Slot	15 A		1	8-1479093-1	
					2	8-1479093-2	
					3	8-1479093-3	
					4	8-1479093-4	
		Vertical Rack	15 A		B	1	3-1479077-1
						2	3-1479077-2
						3	3-1479077-3
						4	3-1479077-4
Quadplex Power Strip, Keyhole Mount	4 Modular Duplex Receptacles	Horizontal Rack	15 A	C	1	3-1375280-1	
					2	3-1375280-2	
					3	3-1375280-3	
					4	3-1375280-4	
		Vertical Slot	15 A		1	8-1375280-1	
					2	8-1375280-2	
					3	8-1375280-3	
					4	8-1375280-4	

Need more information?

Visit our web site at <http://www.ampnetconnect.com>

- Instruction Sheets
- Data Sheets
- Cut Sheets
- White Papers
- Authorized NETCONNECT Design and Installation (ND&I) contractor listings
- Authorized AMP NETCONNECT product distributor listings
- AMP NETCONNECT product sales engineer contact listings

Send us an e-mail at networking.help@tycoelectronics.com

Give our customer service center (USA) a call: 1-800-553-0938

- Technical Support
- Place an Order
- Order Literature
- Product Information
- Product Samples Obtain a Quote
- Tyco Electronics Fax Service

Get Training - AMP NETCONNECT Product Training Services: 1-800-331-9857 ext 63809

- Designing LAN Cabling
- Certifying and Troubleshooting LAN Cabling
- Installing and Connectorizing LAN Cabling

Globally Connected for all your cabling needs

Americas

Canada 905-475-6222
Mexico 52-55-1106-0800
United States 1-800-553-0938

AMPINNERGY Modular Power Distribution



- Everything you need to know to make your installation a success
- Example layouts, usage diagrams, interconnection instructions and more
- Get a free, downloadable copy today by visiting:
<http://www.ampnetconnect.com/literature/manuals>

Description

AMPINNERGY Modular Power Distribution System, Layout and Planning Manual

Document Number

409-12423

Tyco Electronics Corporation AMP NETCONNECT Global Offices:

North America

Harrisburg, PA, USA
Ph: +1-800-553-0938
Fx: +1-717-986-7406

Europe

Kessel-Lo, Belgium
Ph: +32-16-352-300
Fx: +32-16-352-353

Mid East & Africa

Cergy-Pontoise, France
Ph: +33-1-3420-2122
Fx: +33-1-3420-2268

Latin America

Buenos Aires, Argentina
Ph: +54-11-4733-2200
Fx: +54-11-4733-2282

Asia

Hongkong, China
Ph: +852-2735-1628
Fx: +852-2735-1625

Pacific

Sydney, Australia
Ph: +61-2-9407-2600
Fx: +61-2-9407-2519

Tyco Electronics Corporation AMP NETCONNECT North American Offices:

United States

Greensboro, NC, USA
Ph: +1-800-553-0938
Fx: +1-717-986-7406

Canada

Markham, Ontario, Canada
Ph: 905-475-6222
Fx: 905-474-5519



Our commitment. Your advantage.