



**HYPERBUSS™**  
MORE POWER | MORE DATA | MORE CONTROL



## AT Series™ Heavy Duty Bussed Receptacles

Amphenol Sine Systems' HYPERBUSS™ AT Receptacle Connectors are a high-performance, cost-effective solution used in a variety of interconnect applications where a common "bussed" electrical pathway is required: Heavy Duty, Transportation, Marine, Diagnostic, Military, Alternative Energy and Agricultural. They contain superior environmental seals and seal retention capabilities. All HYPERBUSS™ AT Receptacle Connectors are intermateable with standard AT Series™ Plugs as well as industry standard connectors.

**Buss:** a conductor, or a group of conductors, used for collecting electric power from the incoming feeders and distributes them to the outgoing feeders; a type of electrical junction in which all the incoming and outgoing electrical current meets.

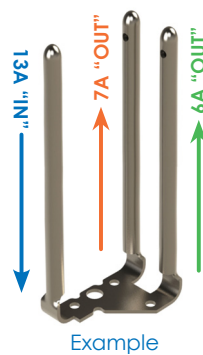
### Key Features

- Available in 2, 4, 6, 8 and 12 Position Receptacles
- Sealed Integrated Bussed Feedback Assembly
- Rectangular, thermoplastic housing
- Included wedgelock confirms contact alignment/retention
- Integrated latch for mating
- Mates with standard AT Series™ Plugs

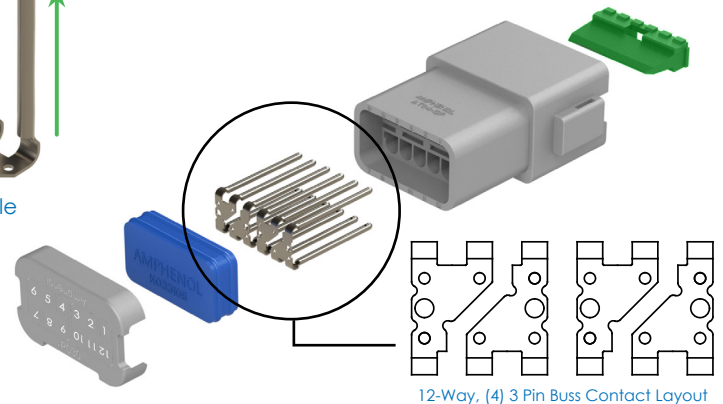
**Applications:** Bussed Feedback Receptacles used as a Splice Block or Tap Block

### Technical Specifications

Housings	Thermoplastic
Secondary Locks	Thermoplastic (Included)
Contacts	Nickel or Gold
Temperature	Operating temperature range: -55°C to +125°C at rated current
IP Rating	IP67
Mates with	All AT06-(XXXX) Plugs
Contact Size	16
Current Rating	13A MAX Per Contact
Contacts	Pins, Integral
Connector Type	In-line
Keying Options	Available in 8 & 12 Position A and B Coding

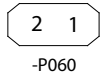
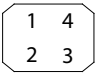
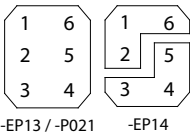
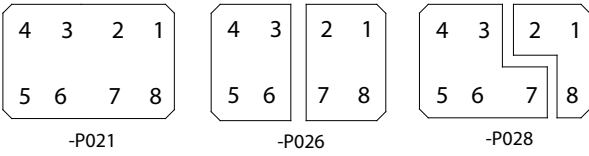
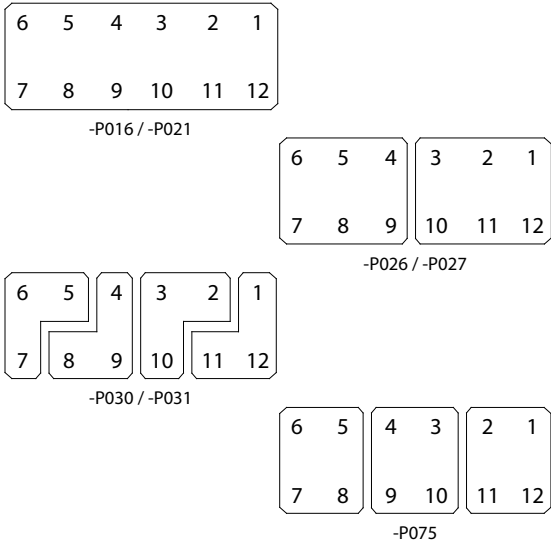


Maximum rated current is determined by the combined current across the entire buss. In the example to the left, various combinations of current can be achieved, but must be limited to a maximum of 13A.



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HYPERBUS<sup>SM</sup> Heavy Duty Bussed Connectors

Pin Layout	Part Number	Type
 <p>-P060</p>	AT04-2P-P060	AT, HYPERBUS <sup>SM</sup> , 2-Way Receptacle, (1) 2 Pin ( <b>*13A</b> ), Nickel, Black
 <p>-EP13 / -P021</p>	AT04-4P-EP13	AT, HYPERBUS <sup>SM</sup> , 4-Way Receptacle, (1) 4 Pin ( <b>*26A</b> ), Nickel, Black
	AT04-4P-P021	AT, HYPERBUS <sup>SM</sup> , 4-Way Receptacle, (1) 4 Pin ( <b>*26A</b> ), Nickel, Grey
 <p>-EP13 / -P021    -EP14</p>	AT04-6P-EP13	AT, HYPERBUS <sup>SM</sup> , 6-Way Receptacle, (1) 6 Pin ( <b>*39A</b> ), Nickel, Black
	AT04-6P-P021	AT, HYPERBUS <sup>SM</sup> , 6-Way Receptacle, (1) 6 Pin ( <b>*39A</b> ), Nickel, Grey
	AT04-6P-EP14	AT, HYPERBUS <sup>SM</sup> , 6-Way Receptacle, (2) 3 Pin ( <b>*13A ea</b> ), Nickel, Black
 <p>-P021                      -P026                      -P028</p>	AT04-08PA-P021	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (1) 8 Pin ( <b>*52A</b> ), Nickel, Keyed A, Grey
	AT04-08PB-P021	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (1) 8 Pin ( <b>*52A</b> ), Nickel, Keyed B, Black
	AT04-08PA-P026	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (2) 4 Pin ( <b>*26A ea</b> ), Nickel, Keyed A, Grey
	AT04-08PB-P026	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (2) 4 Pin ( <b>*26A ea</b> ), Nickel, Keyed B, Black
	AT04-08PA-P028	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (1) 3 Pin ( <b>*13A</b> ), (1) 5 Pin ( <b>*26A</b> ), Nickel, Keyed A, Grey
	AT04-08PB-P028	AT, HYPERBUS <sup>SM</sup> , 8-Way Receptacle, (1) 3 Pin ( <b>*13A</b> ), (1) 5 Pin ( <b>*26A</b> ), Nickel, Keyed B, Black
 <p>-P016 / -P021                      -P026 / -P027                      -P030 / -P031                      -P075</p>	AT04-12PA-P016	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (1) 12 Pin ( <b>*78A</b> ), Gold, Keyed A, Grey
	AT04-12PB-P016	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (1) 12 Pin ( <b>*78A</b> ), Gold, Keyed B, Black
	AT04-12PA-P021	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (1) 12 Pin ( <b>*78A</b> ), Nickel, Keyed A, Grey
	AT04-12PB-P021	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (1) 12 Pin ( <b>*78A</b> ), Nickel, Keyed B, Black
	AT04-12PA-P026	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (2) 6 Pin ( <b>*39A ea</b> ), Nickel, Keyed A, Grey
	AT04-12PB-P026	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (2) 6 Pin ( <b>*39A ea</b> ), Nickel, Keyed B, Black
	AT04-12PB-P027	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (2) 6 Pin ( <b>*39A ea</b> ), Gold, Keyed B, Black
	AT04-12PA-P030	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (4) 3 Pin ( <b>*13A ea</b> ), Nickel, Keyed A, Grey
	AT04-12PB-P030	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (4) 3 Pin ( <b>*13A ea</b> ), Nickel, Keyed B, Black
	AT04-12PA-P031	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (4) 3 Pin ( <b>*13A ea</b> ), Gold, Keyed A, Grey
	AT04-12PB-P031	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (4) 3 Pin ( <b>*13A ea</b> ), Gold, Keyed B, Black
	AT04-12PA-P075	AT, HYPERBUS <sup>SM</sup> , 12-Way Receptacle, (3) 4 Pin ( <b>*26A ea</b> ), Nickel, Keyed A, Grey

*\*Maximum current rating is the total amperage for the bus*

**For more information, contact:** Customer Service, +1 800 394 7732, [csr@amphenol-sine.com](mailto:csr@amphenol-sine.com)