



HB **HYPERBUSS™** ATP



ATP Series™ Heavy Duty Bussed Receptacles

Amphenol Sine Systems' **HYPERBUSS™ ATP 6 Position Heavy Duty Bussed Receptacles** 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. All **HYPERBUSS™ ATP 6 Position Heavy Duty Bussed Receptacles** are interchangeable with standard ATP Series™ 6 Position Plugs and StructurePlus™ ATP 6 Position Plugs, as well as industry standard connectors. The receptacles are IP68-rated (1M of water for 24 hours) and offer superior environmental sealing capabilities.

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

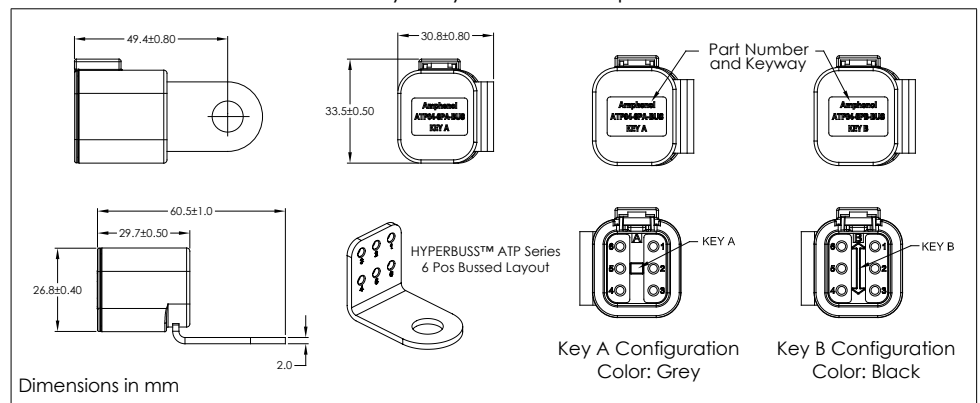
- Available in 6 Position Receptacles
- Available Keyed A Buss (Grey) or Keyed B Buss (Black)
- Sealed Integrated Bussed Feedback Assembly
- Included wedgelock confirms contact alignment/retention
- Integrated latch for mating
- Mates with standard ATP Series™ Plugs

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

Technical Specifications

Housings	Thermoplastic
Grounding/Power Buss	Copper Alloy, Nickel Plated
Contacts (Integral Pins)	Copper Alloy, Nickel Plated
Operating Temperature	-55°C to +125°C
IP Rating	IP68 (1M of water for 24 Hrs)
Mates with	ATP06-6S-XXXX Plugs
Contact Size	12
Current Rating Per Contact	25A Max (150A Total)

HYPERBUSS™ ATP 6 Position Heavy Duty Bussed Receptacle Dimensions

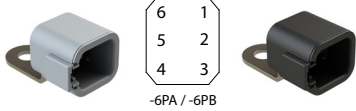


A A Series™ Family











Standard products. Custom solutions
Customer Service +1 800 394 7732

HYPERBUS™ ATP Series 6 Position Heavy Duty Bussed Receptacles



Pin Layout	Part Number	Description	Size	Amperage
	ATP04-6PA-BUS	6 Position, HYPERBUS™ ATP, Receptacle, (1) 6 Pin, Buss, Keyed A, Grey	12	25A (150A Total)
	ATP04-6PB-BUS	6 Position, HYPERBUS™ ATP, Receptacle, (1) 6 Pin, Buss, Keyed B, Black	12	25A (150A Total)

*Maximum current rating is the total amperage for the buss

6 Position Plug Mating Options (More mating options available at www.amphenol-sine.com)

Pin Layout	Part Number	Description	Size	Amperage
	ATP06-6S	6 Position, ATP Series™, Plug, Socket, Grey	12	25A
	ATP06-6S-BLK	6 Position, ATP Series™, Plug, Socket, Black	12	25A
	ATP06-6S-RD01	6 Position, ATP Series™, Plug, Socket, Reduced Diameter Seal, Grey	12	25A
	ATP06-6S-RD01BK	6 Position, ATP Series™, Plug, Socket, Reduced Diameter Seal, Black	12	25A
	ATP06-6S-OMGRY	6 Position, Structure Plus™ ATP, Plug, Socket, Grey	12	25A
	ATP06-6S-OMBLK	6 Position, Structure Plus™ ATP, Plug, Socket, Black	12	25A
	ATP06-6S-OMRDGRY	6 Position, Structure Plus™ ATP, Plug, Socket, Reduced Diameter Seal, Grey	12	25A
	ATP06-6S-OMRDBLK	6 Position, Structure Plus™ ATP, Plug, Socket, Reduced Diameter Seal, Black	12	25A

Required 6 Position Plug Wedgelocks

Pin Layout	Part Number	Description	Size	Amperage
	AWP-6SA	6 Position, Plug Wedgelock, Keyed A, Gray	-	-
	AWP-6SB	6 Position, Plug Wedgelock, Keyed B, Black	-	-