



# HB HYPERBUSS™ ATV

## ATV Series™ Heavy Duty Bussed Receptacles



Amphenol Sine Systems' **HYPERBUSS™ ATV 18 Position 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, Military, Alternative Energy and Agricultural. All **HYPERBUSS™ ATV 18 Position Bussed Receptacles** are intermateable with standard ATV Series™ 18 Position Plugs, as well as industry standard connectors. They are IP67-rated (in mated condition) 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

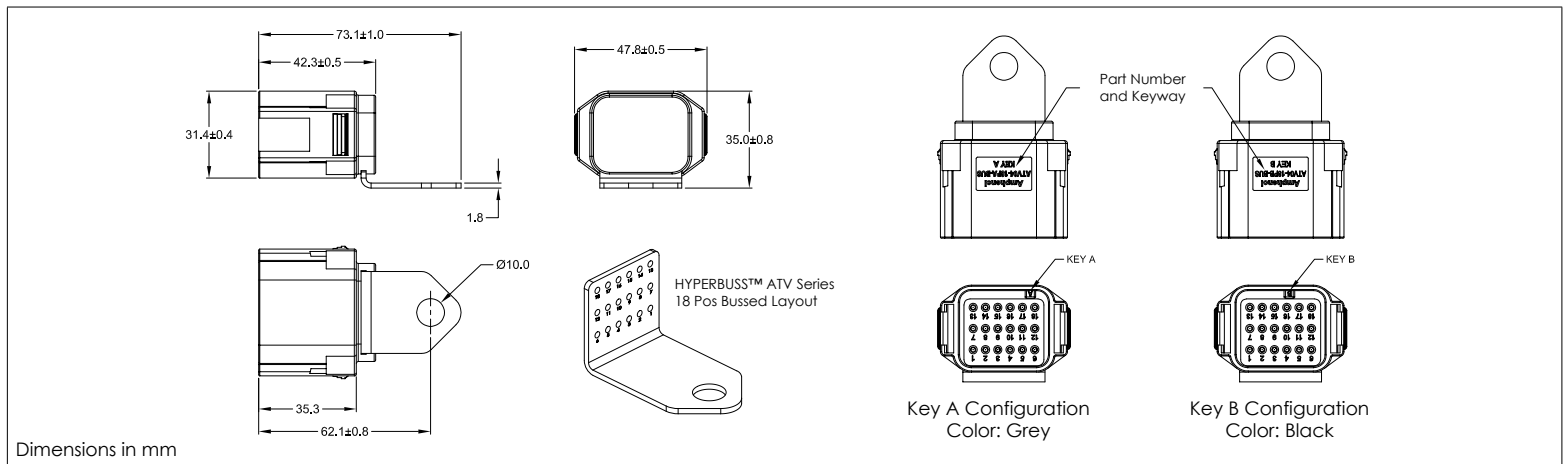
- Available in 18 Position Receptacles
- Available Keyed A Buss (Grey) or Keyed B Buss (Black)
- Sealed Intergrated Bussed Feedback Assembly
- Included wedgelock confirms contact alignment/retention
- Integrated latch for mating
- Mates with standard ATV Series™ Plugs

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

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	IP67 (in mated condition)
Contact Size	16
Current Rating Per Contact	13A Max (230A Total)

### HYPERBUSS™ ATV Series 18 Position Heavy Duty Bussed Receptacle Dimensions



Dimensions in mm




**A Series™ Family**

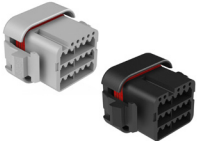


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**HYPERBUSSTM ATV Series** 18 Position Heavy Duty Bussed Receptacles

Image	Part Number	Description	Size	Amps
	ATV04-18PA-BUS	18 Position, HYPERBUSSTM ATV Series, Receptacle, Buss, Key A, Grey	16	13A (230A Total)
	ATV04-18PB-BUS	18 Position, HYPERBUSSTM ATV Series, Receptacle, Buss, Key B, Black	16	13A (230A Total)

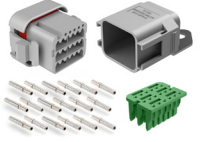

Mating **ATV SeriesTM** 18 Position Heavy Duty Plugs

Image	Part Number	Description	Size	Amps
	ATV06-18SA	18 Position, ATV SeriesTM, Plug, Key A, Standard Seal, Grey	16	13A (230A Total)
	ATV06-18SB	18 Position, ATV SeriesTM, Plug, Key B, Standard Seal, Black	16	13A (230A Total)

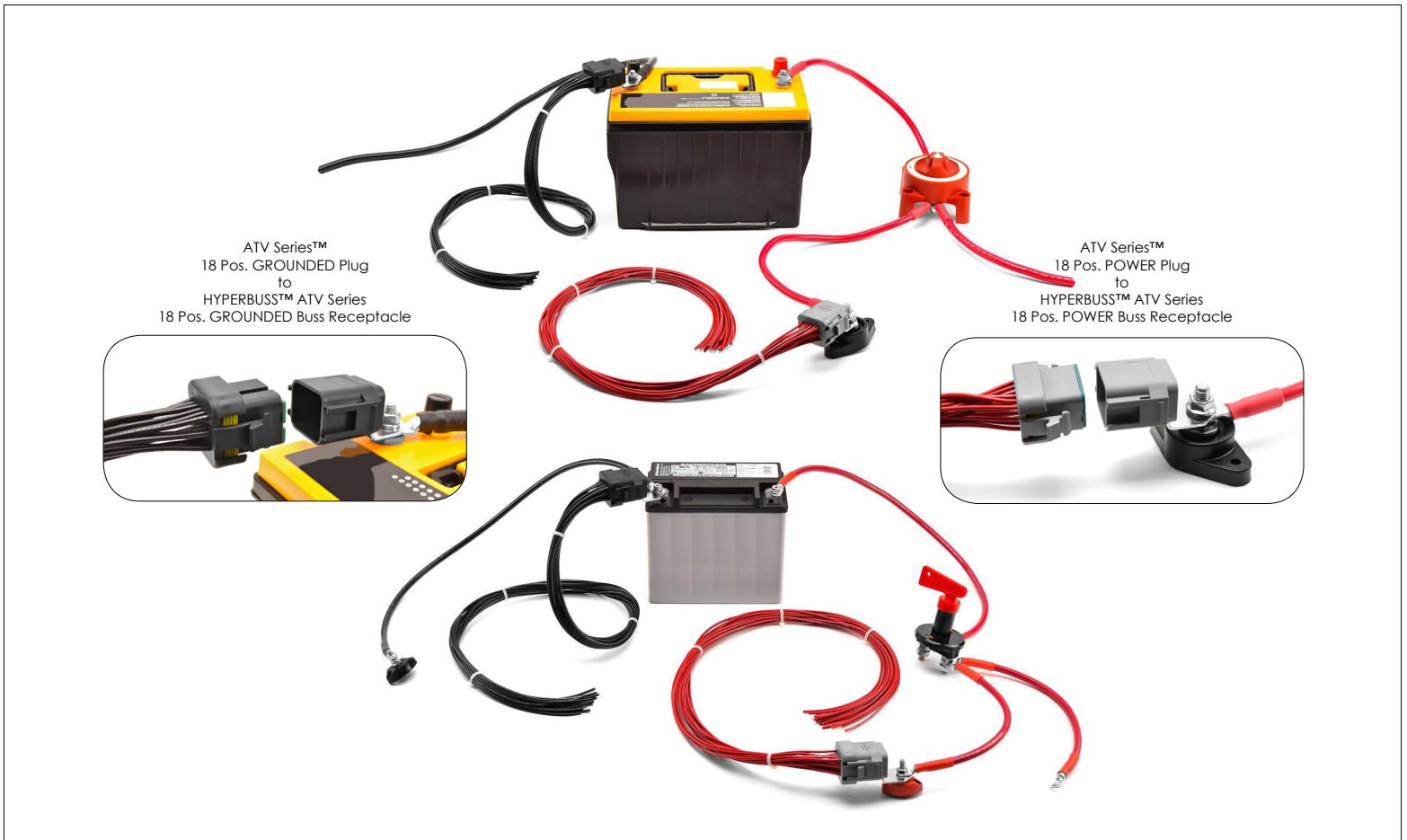
**ATV SeriesTM** 18 Position Wedgelocks

Image	Part Number	Description	Size	Amps
	AWV-18S	18 Position, ATV SeriesTM, Plug Wedgelock, Green	-	-

**HYPERBUSSTM ATV Series** 18 Position Heavy Duty Bussed Receptacle Kits

Image	Part Number	Description	Size	Amps
	ATV46-18PSA-BUSCKIT	KIT: 18 Position, HYPERBUSSTM ATV Series, Keyed A Contains: (1) 18 Position, HYPERBUSSTM ATV Series, Receptacle, Buss, Key A, Grey Contains: (1) 18 Position, ATV SeriesTM, Plug, Key A, Grey	16	13A (230A Total)
	ATV46-18PSB-BUSCKIT	KIT: 18 Position, HYPERBUSSTM ATV Series, Keyed B Contains: (1) 18 Position, HYPERBUSSTM ATV, Receptacle, Buss, Key B, Black Contains: (1) 18 Position, ATV SeriesTM, Plug, Key B, Black	16	13A (230A Total)

**HYPERBUS™ ATV Series Sample Architecture: Plug and Play Battery GROUND/Battery POWER Buss System**



**HYPERBUS™ ATV Series Sample Architecture: Plug and Play Chassis GROUND Buss System**

