

ARC ARCSeries™

Rectangular, Thermoplastic Connectors for Harsh Environment Applications



Available in a variety of positions

Amphenol Sine Systems **ARC Series™ Connectors** are an IP68 and IP69K rated (in mated condition), rugged, heavy-duty, environmentally-sealed, thermoplastic, rectangular connector series where high pin-counts are required in situations with controlled and/or uncontrolled environmental conditions. Available in standard Plugs and Receptacles, PCB Receptacle **BoardLock™** and Flanged Receptacle **PanelMate™** options.

Our **ARC Series™ Connectors** utilize **A Series™ Contacts**. See individual datasheets for required tooling and contact details.

Key Features

- IP68 and IP69K Rated (in mated condition)
- Utilizes A Series™ Contacts
- Jackscrew w Threaded Insert for Mating
- Bonded Front Seals on Plugs
- Standard or Reduced Diameter Rear Seals
- Available in Multiple Keying Options
- Comparable with existing standard products industry-wide
- Optional **A Series™ Protective Backshell Boots** available

IP68 IP69K

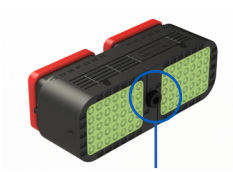
Applications: Transportation, Heavy Equipment, Agricultural, Automotive, Off-Highway, Alternate Energy, Marine and other demanding interconnect architectures.

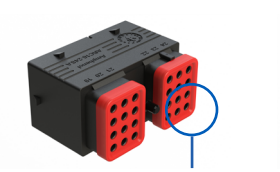
ARC Series™ - Specifications (Reference Individual Datasheets)

IP Rating (in mated condition)	IP68 and IP69K
Max. Current (Amperage)	7.5-13A
Max. Voltage Rating	250V
Operating Temperature	-55°C to +125°C
Coupling System	Jackscrew w Threaded Insert
Housing Body	Thermoplastic, Black
Threaded Insert/Jackscrew	Stainless Steel
Contact Types	Stamped & Formed, Machined, Solder
Contact Material	Copper Alloy (Gold, Tin & Silver Plating are available)
Wire Range	14-20AWG (See datasheets)
Sealing Material	Silicone Rubber
Min. Mating Cycles	>100

Dielectric Value	Less than 2 mA current leakage @1500V AC
Fluid Resistance	Gas, oil, mineral oil, acid bath, basic bath
Insulation Resistance	1000 megohms min. of 25°C
Vibration	No unlocking or unmating and exhibits no mechanical or physical damage after sinusoidal vibration levels of 20 G's at 10 to 2000 Hz in each of the three mutually perpendicular planes. No electrical discontinuities longer than 1 microsecond.
Durability	No electrical or mechanical defects after 100 cycles of engagement and disengagement
Thermal Shock	No cracking, chipping or leaking after 20 test cycles from -55°C to 125°C
RoHS Compliant	ALL materials meet the requirements of the European Directive. (See website for documentation)


Threaded Insert for Jackscrew


Jackscrew


Bonded Front Seals


BoardLock™ PCB Options


Flange Mount/ Threading Options

IP Ratings
IP68 rated (Dust tight; 1M of Water for 24 Hours, in mated condition)
IP69K rated (Dust tight; High-Pressure Waterproof, 4 Points (0°, 30°, 60°, 90°), in mated condition)

A ASeries™ Family

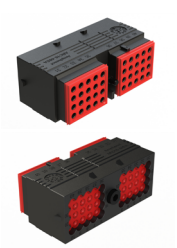
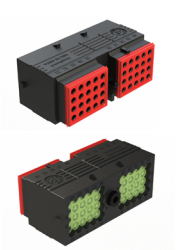


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ARC Series™ - Plugs
Note: Refer to individual datasheets on www.amphenol-sine.com for full specs, faceviews, keying location and product dimensions.

Image	Part Number	Description	Contact Size	Amp
	ARC16-24SA-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-24SB-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-24SC-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-24SD-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-24SAR-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-24SBR-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-24SCR-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-24SDR-P013	24 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC26-24SA	24 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-24SB	24 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-24SC	24 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-24SD	24 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC24-BT	24 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-

	ARC18-40SA-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC18-40SB-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC18-40SC-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC18-40SD-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC18-40SAR-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC18-40SBR-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC18-40SCR-P013	40 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC18-40SDR-P013	40 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A

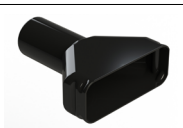
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Image	Part Number	Description	Contact Size	Amp
	ARC26-40SA	40 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-40SB	40 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-40SC	40 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-40SD	40 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC40-BT	40 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-
	ARC40-BT-RA	40 Position, Boot (For use on both Plug and Receptacle), 90° Right Angle, ARC Series™, Black Body	-	-

Image	Part Number	Description	Contact Size	Amp
	ARC26-50S01	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 01, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S02	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 02, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S03	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 03, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S04	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 04, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S05	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 05, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S06	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 06, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S07	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 07, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S08	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 08, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S09	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 09, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-50S10	50 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 10, Standard Diameter Rear Seal (Red), Black Body	20	7.5A

Image	Part Number	Description	Contact Size	Amp
	ARC26-60S01	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 01, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-60S04	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 04, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-60S05	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 05, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-60S06	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 06, Standard Diameter Rear Seal (Red), Black Body	20	7.5A

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Image	Part Number	Description	Contact Size	Amp
	ARC26-60S07	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 07, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC26-60S09	60 Position, Plug, Socket, Size 20, 7.5A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed 09, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC16-70SA-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-70SB-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-70SC-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-70SD-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC16-70SAR-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-70SBR-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-70SCR-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC16-70SDR-P013	70 Position, Plug, Socket, Size 16, 13A, 250V, ARC Series™, Jackscrew, Bonded Front Seal, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC70-BT	70 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-

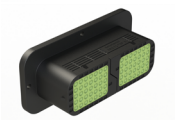
ARC Series™ - Receptacles
Note: Refer to individual datasheets on **www.amphenol-sine.com** for full specs, faceviews, keying location and product dimensions.

Image	Part Number	Description	Contact Size	Amp
	ARC12-24PA	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-24PB	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-24PC	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-24PD	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-24PAR	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-24PBR	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-24PCR	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-24PDR	24 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A

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Image	Part Number	Description	Contact Size	Amp
	ARC24-BT	24 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-
	ARC24-GKT	24 Position, Gasket for Receptacle, ARC Series™, Black Body	-	-
	ARC12-40PA	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-40PB	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-40PC	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-40PD	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-40PAR	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-40PBR	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-40PCR	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-40PDR	40 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC40-BT	40 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-
	ARC40-BT-RA	40 Position, Boot (For use on both Plug and Receptacle), 90° Right Angle, ARC Series™, Black Body	-	-
	ARC40-GKT	40 Position, Gasket for Receptacle, ARC Series™, Black Body	-	-
	ARC12-70PA	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-70PB	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-70PC	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Standard Diameter Rear Seal (Red), Black Body	16	13A
	ARC12-70PD	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Standard Diameter Rear Seal (Red), Black Body	16	13A

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Image	Part Number	Description	Contact Size	Amp
	ARC12-70PAR	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed A, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-70PBR	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed B, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-70PCR	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed C, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC12-70PDR	70 Position, Receptacle with Flange, Pin, Size 16, 13A, 250V, ARC Series™, Threaded Insert for Jackscrew, Keyed D, Reduced Diameter Rear Seal (Green), Black Body	16	13A
	ARC70-BT	70 Position, Boot (For use on both Plug and Receptacle), ARC Series™, Black Body	-	-
	ARC70-GKT	70 Position, Gasket for Receptacle, ARC Series™, Black Body	-	-

ARC Series™ with BoardLock™ - PCB Receptacles
Note: Refer to individual datasheets on **www.amphenol-sine.com** for full specs, faceviews, keying location and product dimensions.

Image	Part Number	Description	Contact Size	Amp
	ARC13-24PA-BM03SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed A, Black Body	16	13A
	ARC13-24PB-BM03SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed B, Black Body	16	13A
	ARC13-24PC-BM03SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed C, Black Body	16	13A
	ARC13-24PD-BM03SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed D, Black Body	16	13A
	ARC23-24PA-BM01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed A, Black Body	20	7.5A
	ARC23-24PB-BM01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed B, Black Body	20	7.5A
	ARC23-24PC-BM01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed C, Black Body	20	7.5A
	ARC23-24PD-BM01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed D, Black Body	20	7.5A
	ARC13-24PA-CG01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed A, Black Body	20	7.5A
	ARC13-24PB-CG01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed B, Black Body	20	7.5A
	ARC13-24PC-CG01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed C, Black Body	20	7.5A
	ARC13-24PD-CG01SP1	24 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed D, Black Body	20	7.5A

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Image	Part Number	Description	Contact Size	Amp
	ARC13-40PA-BM03SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed A, Black Body	16	13A
	ARC13-40PB-BM03SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed B, Black Body	16	13A
	ARC13-40PC-BM03SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed C, Black Body	16	13A
	ARC13-40PD-BM03SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Tin Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed D, Black Body	16	13A
	ARC13-40PA-CG01SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed A, Black Body	16	13A
	ARC13-40PB-CG01SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed B, Black Body	16	13A
	ARC13-40PC-CG01SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed C, Black Body	16	13A
	ARC13-40PD-CG01SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 16, 13A, 250V, Selective Gold Plating, Pin Spacer, ARC Series™ with BoardLock™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed D, Black Body	16	13A
	ARC23-40PA-N012SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed A, Black Body	20	7.5A
	ARC23-40PB-N012SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed B, Black Body	20	7.5A
	ARC23-40PC-N012SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed C, Black Body	20	7.5A
	ARC23-40PD-N012SP1	40 Position, PCB Receptacle with Flange, 90° Right Angle, Pin, Size 20, 7.5A, 250V, Selective Plating, Pin Spacer, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed D, Black Body	20	7.5A

Image	Part Number	Description	Contact Size	Amp
	ARC22-50P01-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 01, Black Body	20	7.5A
	ARC22-50P02-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 02, Black Body	20	7.5A
	ARC22-50P03-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 03, Black Body	20	7.5A
	ARC22-50P04-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 04, Black Body	20	7.5A
	ARC22-50P05-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 05, Black Body	20	7.5A
	ARC22-50P07-BM01SP1	50 Position, PCB Receptacle with Flange, 180° Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Keyed 07, Black Body	20	7.5A

Image	Part Number	Description	Contact Size	Amp
	ARC20-60P01-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 01, Black Body	20	7.5A
	ARC20-60P04-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 04, Black Body	20	7.5A
	ARC20-60P05-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 05, Black Body	20	7.5A

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Image	Part Number	Description	Contact Size	Amp
	ARC20-60P06-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 06, Black Body	20	7.5A
	ARC20-60P07-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 07, Black Body	20	7.5A
	ARC20-60P09-BM01SP1	60 Position, PCB Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, Selective Plating, ARC Series™ with BoardLock™, Self-Threading, Threaded Insert for Jackscrew, Gasket, Keyed 09, Black Body	20	7.5A

ARC Series™ with PanelMate™ - Receptacles
Note: Refer to individual datasheets on **www.amphenol-sine.com** for full specs, faceviews, keying location and product dimensions.

	ARC22-40PA-PM13	40 Position, Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed A, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC22-40PB-PM13	40 Position, Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed B, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC22-40PC-PM13	40 Position, Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed C, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC22-40PD-PM13	40 Position, Receptacle with Flange, Straight, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed D, Standard Diameter Rear Seal (Red), Black Body	20	7.5A

	ARC23-40PA-N012SP1	40 Position, Receptacle with Flange, Right Angle, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed A, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC23-40PB-N012SP1	40 Position, Receptacle with Flange, Right Angle, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed B, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC23-40PC-N012SP1	40 Position, Receptacle with Flange, Right Angle, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed C, Standard Diameter Rear Seal (Red), Black Body	20	7.5A
	ARC23-40PD-N012SP1	40 Position, Receptacle with Flange, Right Angle, Pin, Size 20, 7.5A, 250V, ARC Series™ with PanelMate™, Threaded Insert, Threaded Insert for Jackscrew, Gasket, Keyed D, Standard Diameter Rear Seal (Red), Black Body	20	7.5A

ARC Series™ - Boots
Note: Refer to our **A Series™ Boots Flyer**.

ARC Series™ - Contacts
Note: Refer to individual part number datasheets found at **www.amphenol-sine.com** or our **A Series Contacts Flyer**.

ARC Series™ - Tooling
Note: Refer to individual part number datasheets found at **www.amphenol-sine.com** or our **A Series Contacts Flyer**.

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