

# Amphenol®



## Wind-Lok® Power Connectors

Amphenol, which has been manufacturing connectors for more than 80 years, offers an extensive array of connector lines including rectangular, circular, fiber optic, EMI/EMP filter and a variety of special application connectors.

With the introduction of its patented RADSOK technology, Amphenol Industrial Operations (AIO) revolutionized the connector industry. RADSOK'S twisted grid configuration allows for 50% more current to pass through the same size pin, while providing increased reliability, ampacity and cycle durability as well as lower insertion force, T-rise and voltage drop.

### Features:

- 1/4 Turn Reverse Bayonet
- Crimp or Busbar Termination
- Silver Plated Contacts
- Finger Proof
- Current: 800 Amp
- Voltage: DC 2500V
- Operating Temperature: -40°C to +125°C
- 2000 Mating Cycles
- 300 Day Salt Spray Rating For Black Anodize
- 350 Hours Salt Spray Rating For Electrophoretic

[www.amphenol-industrial.com](http://www.amphenol-industrial.com)



The Wind-Lok® is a reverse bayonet connector which incorporates our patented RADSOK® technology. It is designed to deliver high power from source to load. The plug contains an 18mm RADSOK® socket and the receptacle contains an 18mm pin with the option of crimp, 2 hole busbar, or threaded busbar termination. When unmated, personal safety is maintained through touchproof, dead-front contact design. The RADSOK'S® strongest benefit is its very low milli-volt drop and minimized temperature rise when transmitting high current. The 18mm Wind-Lok® is perfectly suited for high amperage applications such as electrical generators, fuel cells, load banks, energy storage and charging systems.

**Benefits:**

- Quick positive coupling
- Vibration resistant
- Audible, tactile and visual indication of full coupling
- Environmental Applications
- High Amperage Applications
- Easily Adaptable
- Better Conductivity where needed
- Allows conductor size change
- Bimetallic option for aluminum wire



How to order																			
1		2		3		4		5		6		7		8		9		10	
WL		C		03		R		32		P		N		1		M40		(073)	
PRODUCT SERIES		CONTACT STYLE		SHELL STYLE		COLOR		SHELL SIZE		CONTACTS		INSERT ROTATION		CABLE SIZE		CABLE GLAND SIZE		FINISH	
WL	Wind-Lok Series	C	Crimp Contact	01	Inline Receptacle	NC	No Color	32	Size 32	P	Pin Contact	N,W,X,Y,J	No Suffix Required for Standard Rotation	Omit	Thread Or 2-Holes Busbar	Omit	Without Rear Hardware	Omit	For G96 and Machine Shell
		B	2-HOLES BUSBAR	03	Panel Mounting Receptacle	BL	Blue	40	Size 40	S	RADSOK® Socket Contact			1	4/0 AWG	M40	M40 X 1.5 Plastic Gland Cable Range Ø.748-Ø1.102	073	For Electro-phoretic and Die-Casting Shell
		T	THREAD BUSBAR	06	Straight Plug	OR	Orange							2	262 KCMIL	M50	M40 X 1.5 Plastic Gland Cable Range Ø1.063-Ø1.378		
		D	Bimetallic Contact			Y	Yellow							3	313 KCMIL				
						BR	Brown							4	373 KCMIL				
						R	Red							5	444 KCMIL				
						W	White							6	535 KCMIL				
						BK	Black							7	646 KCMIL				
						G	Green							8	777 KCMIL				

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

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