

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.

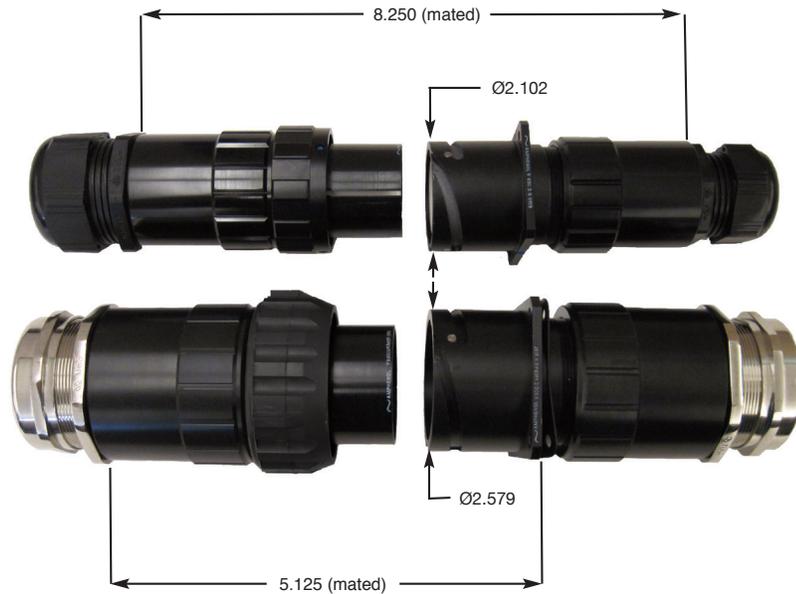
Features:

- 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

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				

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