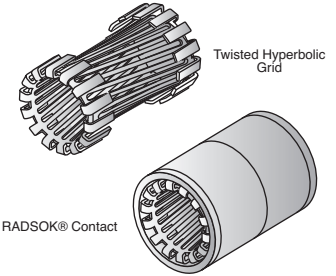
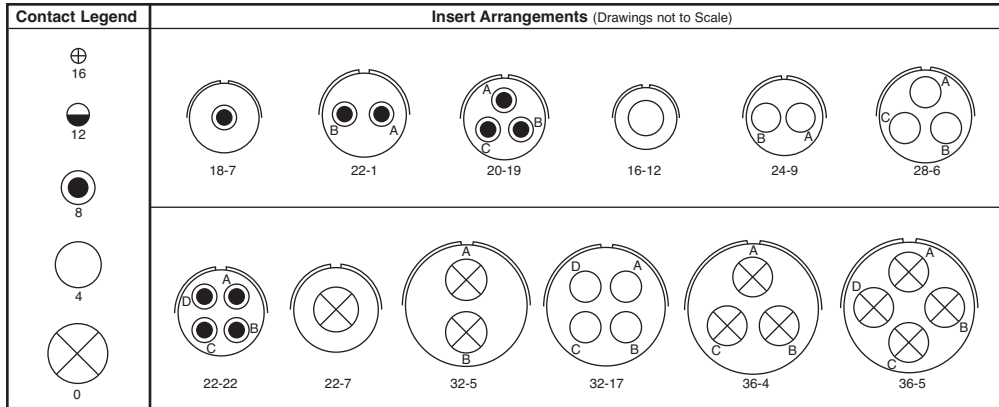


AMPHENOL RADSOK® Power Bus Connectors

Amphenol®

The RADSOK® high amperage, low insertion force socket contact provides value to your purchasing, engineering, quality and manufacturing objectives. Unique RADSOK® design and construction technology creates an electrical contact interface that exceeds typical interconnect requirements. Applications in aerospace, medical, industrial, automotive, mining, offshore, and other harsh environments depend on the high reliability of the Amphenol RADSOK® technology. The hyperbolic lamella socket contact construction distributes normal forces over a high percentage of the mating pin surface.



Amph-Power Crimp Contact Current Rating		
Contact Size	Standard Contact	Amph-Power
8 AWG	46 Amps	70 Amps
4 AWG	80 Amps	120 Amps
0 AWG	150 Amps	250 Amps

RADSOK® AMPHE-POWER® 5015

- Features:**
- Durable, field proven cylindrical connector derived from MIL-5015 family
 - Threaded coupling connector with resilient Neoprene inserts
 - Single key/keyway polarization
 - IP67 rating
 - Supports 50A to 1000A continuous duty
 - Ideal for wind energy applications



Mating Box Mount Receptacles For quantities of 10 and up, call for quote. Straight Plugs For quantities of 10 and up, call for quote.

No. of Pos.	Insert	Contact Size	Wire Range	MOUSER STOCK NO.	Amphenol Part No.	Contact Type	Price Each		MOUSER STOCK NO.	Amphenol Part No.	Contact Type	Price Each	
							1	5				1	5
1	18-7	#8	8 AWG	654-ACC02E18-7P025	ACC02E18-7P(025)	Pin	14.07	12.41	654-ACC06E18-7R025	ACC06E18-7R(025)	RADSOK	31.72	27.99
2	22-1	#8	8 AWG	654-ACC02E22-1P025	ACC02E22-1P(025)	Pin	19.18	17.10	654-ACC06E22-1R025	ACC06E22-1R(025)	RADSOK	29.77	26.26
3	20-19	#8	8 AWG	654-ACC02E20-19P025	ACC02E20-19P(025)	Pin	26.57	23.44	654-ACC06E20-19R025	ACC06E20-19R(025)	RADSOK	32.80	28.94
4	22-22	#8	8 AWG	654-ACC02E22-22P025	ACC02E22-22P(025)	Pin	28.70	25.32	654-ACC06E22-22R025	ACC06E22-22R(025)	RADSOK	50.05	45.04
1	16-12	#4	4 AWG	654-ACC02E16-12P025	ACC02E16-12P(025)	Pin	11.87	10.47	654-ACC06E16-12R025	ACC06E16-12R(025)	RADSOK	34.93	30.82
3	28-6	#4	4 AWG	654-ACC02E28-6P025	ACC02E28-6P(025)	Pin	23.35	20.60	654-ACC06E28-6R025	ACC06E28-6R(025)	RADSOK	66.10	58.32
4	32-17	#4	4 AWG	654-ACC02E32-17P025	ACC02E32-17P(025)	Pin	30.20	26.65	654-ACC06E32-17R025	ACC06E32-17R(025)	RADSOK	87.43	77.15
1	22-7	#0	0 AWG	654-ACC02E22-7P025	ACC02E22-7P(025)	Pin	14.48	12.78	654-ACC06E22-7R025	ACC06E22-7R(025)	RADSOK	53.82	47.49
2	32-5	#0	0 AWG	654-ACC02E32-5P025	ACC02E32-5P(025)	Pin	23.05	22.09	654-ACC06E32-5R025	ACC06E32-5R(025)	RADSOK	104.50	92.21
4	36-5	#0	0 AWG	654-ACC02E36-5P025	ACC02E36-5P(025)	Pin	49.05	43.28	654-ACC06E36-5R025	ACC06E36-5R(025)	RADSOK	189.53	167.24

RADSOK® AMPHE-POWER® GT

- Features:**
- Heavy duty, rugged shells with a wide variety of backshell options
 - Reverse bayonet coupling connector with an audible, tactile and visual full mating feature
 - IP67 rating
 - Supports 50A to 1000A continuous duty
 - Ideal for wind energy applications



Mating Box Mount Receptacles For quantities of 10 and up, call for quote. Reverse Bayonet Straight Plugs For quantities of 10 and up, call for quote.

No. of Pos.	Insert	Contact Size	Wire Range	MOUSER STOCK NO.	Amphenol Part No.	Contact Type	Price Each		MOUSER STOCK NO.	Amphenol Part No.	Contact Type	Price Each	
							1	5				1	5
1	18-7	#8	8 AWG	654-GTC03018-7P025	GTC03018-7P(025)	Pin	20.38	17.99	654-GTC06F187SRDS	GTC06F18-7S(RDS)(025)	RADSOK	54.37	47.97
2	22-1	#8	8 AWG	654-GTC03022-1P025	GTC03022-1P(025)	Pin	25.75	24.98	654-GTC06F221SRDS	GTC06F22-1S(RDS)(025)	RADSOK	69.98	61.75
3	20-19	#8	8 AWG	654-GTC03020-19P025	GTC03020-19P(025)	Pin	31.14	29.78	654-GTC06F2019SRDS	GTC06F20-19S(RDS)(025)	RADSOK	66.75	63.30
4	16-12	#4	4 AWG	654-GTC03016-12P025	GTC03016-12P(025)	Pin	54.93	51.16	654-GTC06F1612SRDS	GTC06F16-12S(RDS)(025)	RADSOK	65.12	64.87
2	24-9	#4	4 AWG	654-GTC03024-9P025	GTC03024-9P(025)	Pin	22.90	20.21	654-GTC06F249SRDS	GTC06F24-9S(RDS)(025)	RADSOK	99.38	87.69
4	32-17	#4	4 AWG	654-GTC03032-17P025	GTC03032-17P(025)	Pin	32.73	28.88	654-GTC06F3217SRDS	GTC06F32-17S(RDS)(025)	RADSOK	171.00	137.21
1	22-7	#0	0 AWG	654-GTC03022-7P025	GTC03022-7P(025)	Pin	20.75	18.31	654-GTC06F227SRDS	GTC06F22-7S(RDS)(025)	RADSOK	98.81	72.79
3	36-4	#0	0 AWG	654-GTC03036-4P025	GTC03036-4P(025)	Pin	35.37	31.21	654-GTC06F364SRDS	GTC06F36-4S(RDS)(025)	RADSOK	179.88	158.72
4	36-5	#0	0 AWG	654-GTC03036-5P025	GTC03036-5P(025)	Pin	42.40	37.41	654-GTC06F365SRDS	GTC06F36-5S(RDS)(025)	RADSOK	214.05	188.87

RADSOK® AMPHE®-GTR

Developed with full worldwide approval for use as an environmental power connector. This GT reverse bayonet meets all of the specifications for high power process control and server applications.

- Features:**
- Quick positive coupling
 - Audible, tactile and visual indication of coupling
 - High pressure shock and vibration capabilities
 - Pressure wire termination
 - FMLB ground contact
 - Field repairable
 - IP67 rating
 - High performance composite shell and hardware
 - Utilizes high amperage contact technology enabling increased current ratings to 120A on individual contacts
 - Flammability rated to UL94V-0
 - No lockwiring required

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Amps	Wire Range	Cable Range	Price Each	
					1	5
4 Position Plugs						
654-GT06PCM32ARS3029	GT06PCM32-ARS-30(29R)	30A	8-10 AWG	.510 - .582	133.12	128.17
654-GT06PCM32ARS4029	GT06PCM32-ARS-40(29R)	40A	8-10 AWG	.715 - .759	133.12	128.17
654-GT06PCM32ARS5029	GT06PCM32-ARS-50(29R)	50A	8-10 AWG	.809 - .905	201.95	185.92
654-GT06PCM32ARS7029	GT06PCM32-ARS-70(29OS)	70A	4-6 AWG	1.000 - 1.185	133.12	128.17
4 Position Receptacle						
654-GT030PCM32ARP80	GT030PCM32-ARP-80	80A	4-6 AWG	N/A	52.68	49.44
5 Position Receptacles *Contacts rated at 120 Amps, but limited to AWG.						
654-10-610147-001	10-610147-001	120A	8-10 AWG	-	107.33	101.81
5 Position Plugs *Contacts rated at 120 Amps, but limited to AWG.						
654-10-610142-001	10-610142-001	120A	8-10 AWG	.472 - .787	174.88	168.03
654-10-610142-002	10-610142-002	120A	8-10 AWG	.708 - .984	174.88	168.03

