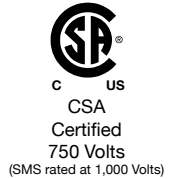


8340 Series Uni-Lock Lever-Action Connectors

STANDARD FEATURES

- Available only on SMS Connectors
- Unique connector back and D-style pins prevent arcing
- Longer set screws prevent barrel fall-through
- All-rubber connector wall not go out-of-round
- Engages mechanically - eliminates couplers seizing together
- Single-barrel pilot pins with two set screws
- Flexible ground pin
- Two grommets with O-ring seals
- Six-fingered female contact pin for positive contact
- Connectors are water and dust tight when engaged



APPLICATIONS

Mining

- Shuttle cars
- Cutting machines
- Distribution boxes
- Drills

Industry

- Large motors/test stands for checking motors
- Lockable hookup to large portable equipment
- Steel mills/power for locomotion equipment

Military

- Ship-to-shore power
- ### Railroad
- Car-to-car power

Uni-Lock Lever-Action Connector

3 Power / 1 Ground: 1 or 2 Pilots: 1000V 4X RATED

Maximum Cable AWG	Connector Rating AMPS	Cable Attachment		Panel Mount		Color	Protective Caps	
		Male	Female	Male	Female		Male	Female
8	75	8343-501 or 2	8343-401 or 2	8343-1601 or 2	8343-1201 or 2	Blue	3325656-201	3325656-101
4	125	8344-501 or 2	8344-401 or 2	8344-201 or 2	8344-101 or 2	Red	3325656-401	3325656-301
2	160	8345-501 or 2	8345-601 or 2	8345-1501 or 2	8345-1001 or 2	Black	3325656-601	3325656-501
2/0	225	8346-201 or 2	8346-101 or 2	8346-1301 or 2	8346-801 or 2	Black	3325656-801	3325656-701
4/0	325	8347-201 or 2	8347-101 or 2	8347-1301 or 2	8347-801 or 2	Black	3325656-1001	3325656-901

Part No.	Maximum Cable AWG	Connector Rating		Description	Colors
		Volts	Amps		
8348-301	400MCM	1000	500	Male Cable Attachable	} Black / Blue Green / Orange Red / White Yellow
8348-201	400MCM	1000	500	Female Cable	
8348-1001	400MCM	1000	500	Male Panel Mount	
8348-701	400MCM	1000	500	Female Panel Mount	

Protective Caps: Part No.
3325656-1201
3325656-1101
8348-8

Description
Female Cap to fit a Male Connector
Male Cap to fit a Female Connector
Pilot Short Circuiting Cap - for Female Panel Mount

Select grommet that adapts I.D. of sleeve (supplied on plug) to O.D. of cable being used.

Connector Sleeve No.	O.D. Cable Range (no grommet)	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.	O.D. Cable Range Grommet No.
8343 No. 325298	1.500 → 1.250	1.250 → 1.000 No. 313305-1	1.000 → .750 No. 313305-2	.750 → .562 No. 313305-3	---	---
8344 No. 325292	1.813 → 1.562	1.562 → 1.312 No. 313327-1	1.312 → 1.062 No. 313327-2	1.062 → .812 No. 313327-3	.812 → .625 No. 313327-4	---
8345 No. 325286	2.000 → 1.812	1.812 → 1.625 No. 324044-1	1.625 → 1.437 No. 324044-2	1.437 → 1.250 No. 324044-3	1.250 → 1.062 No. 324044-4	---
8346 No. 325245	2.375 → 2.125	2.125 → 1.937 No. 324153-1	1.937 → 1.750 No. 324153-2	1.750 → 1.562 No. 324153-3	1.562 → 1.375 No. 324153-4	---
8347 No. 325271	2.937 → 2.625	2.625 → 2.312 No. 324089-1	2.312 → 2.000 No. 324089-2	2.000 → 1.812 No. 324089-3	---	---
8348 No. 325305	3.281 → 3.000	3.000 → 2.812 No. 324024-4	2.812 → 2.625 No. 324024-5	2.625 → 2.531 No. 324024-6	2.531 → 2.312 No. 324024-2	2.312 → 2.125 No. 324024-3

Mag Series Electrical Connectors



With pride we introduce a new series of electrical connectors to the mining and industrial markets.

FEATURES

Made of high-density rubber resulting in a more durable, longer lasting, and “user-friendly” connector. Amps designated by different colors.

Specifications

- 1000 volts
- 30/60/100 amps (color coded)
- Complete with two grommets
- 3 phase
- 1 ground
- 1 pilot



Virtually Indestructible!

Part No.	Cable	Amps	Description	Color
Mag30-1501	#8 3C/GGC	30	Female Panel Mount Insert	}
Mag30-1601	#8 3C/GGC	30	Male Panel Mount Insert	
Mag30-101	#8 3C/GGC	30	Female Panel Mount	}
Mag30-201	#8 3C/GGC	30	Male Panel Mount	
Mag30-401	#8 3C/GGC	30	Female Cable Attachable	}
Mag30-501	#8 3C/GGC	30	Male Cable Attachable	
Mag60-1501	#4 3C/GGC	60	Female Panel Mount Insert	}
Mag60-1601	#4 3C/GGC	60	Male Panel Mount Insert	
Mag60-101	#4 3C/GGC	60	Female Panel Mount	}
Mag60-201	#4 3C/GGC	60	Male Panel Mount	
Mag60-401	#4 3C/GGC	60	Female Cable Attachable	}
Mag60-501	#4 3C/GGC	60	Male Cable Attachable	
Mag100-1501	#1 3C/GGC	100	Female Panel Mount Insert	}
Mag100-1601	#1 3C/GGC	100	Male Panel Mount Insert	
Mag100-101	#1 3C/GGC	100	Female Panel Mount	}
Mag100-201	#1 3C/GGC	100	Male Panel Mount	
Mag100-401	#1 3C/GGC	100	Female Cable Attachable	}
Mag100-501	#1 3C/GGC	100	Male Cable Attachable	

Products for the Mining, Tunneling, and Industrial Markets

Electrical Products

Cable Hangers
 J-Hooks
 Cable Cutters (H.K. Porter)
 Cable Fault Locator and Tracers
 High Voltage Gloves
 Testing Plugs and Plug Repair
 Cable Grips (Kellems)
 Trolley Hardware (Phoenix)
 Ground Check and Fault Monitors:
 (AMR/Pemco/MCI)
 String-A-Lights
 Tie Wire
 Belt Monitoring (Ensign/AMR)
 Belt Switches (Conkie/Hawkeye)
 Limit Switches (Cutter-Hammer)
 Lighting Systems (SMC)
 Coax Connectors
 Vacuum Load Break Switches (SMC)
 Connectors:
 Woodhead/Burndy/T&B/3M/Amp/
 Panduit
 Low Voltage Connectors:
 MCI/SMS Uni-Lock/P.D.P./Ensign
 Victor

Electrical Cable

Bare Copper and Aluminum
 Trolley Wire
 Blasting Wire and Shot
 S.O. Cords
 Bore Hole Cable
 Armoured Cable
 Monitor and Sensor Cables
 Computer Cables
 Shuttle Car
 Continuous Miner Cable
 Shovel Cable
 Pump Cable
 Remote Drill Cord
 Jumper Cable
 Welding Cable
 Loaders-Cutters-Drills
 Locomotive Cable
 Longwall Cable
 Military Specifications
 Mine Power Feeder
 Traffic Signal
 Communication
 Building Wire
 Portable Control Cables
 Power Cable

Electrical Cable Manufacturers

BICC Cablec
 Larabee Powerflex
 Essex
 Royal
 Carol
 A.I.W.
 General
 Prestolite
 Service Wire

Cable Services

High and Low Voltage Reconditioned
 Coupler Installation
 Molded Pot Heads
 Stress Cones
 Jacket Patches
 Reinsulation
 Railbonds
 Cable Splicing

Splice Kits

Plymouth
 AMP
 3M
 RMS
 MPI
 RAYCHEM

Cable Repair Supplies

Plymouth - Tapes/Shielding Braid
 Okonite - Tape/Splicing Cement
 3M - Tape/Braid/Lugs
 Rice Shielding Braid
 Cable Jigs
 Molds
 Vulcanizers

Other Fine Products And Services

Exide Batteries
 Douglas Batteries
 Sounding Rods
 Mine Sealant
 Mine Ventilation Products
 Mine Battery Repair
 Battery Chargers
 Pumps
 Cable Guards

SMS OFFICE LOCATIONS

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 Fax: 847-656-5094

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 Fax: 618-937-2715

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 Tel: 812-354-9104
 Fax: 812-354-2176

Kentucky

2180 Highway 70 West,
 Central City, KY 42330
 Tel: 270-754-9911
 Fax: 270-754-9894

CANADIAN OFFICE • TORONTO

Sales & Technical Support

Canada: 416-710-0965
 Fax: 847-656-5094

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