

Uni-Lock Lever-Action Connectors for Mining, Tunneling, and Industry

UNI-LOCK LEVER-ACTION CONNECTORS

STANDARD FEATURES

- Unique Connector Back and D-style Pins Prevent Arcing
- Larger and Longer Set Screws Prevent Barrel Fall-Through
- All Rubber Connector - Will Not Go Out of Round
- Engages Mechanically - Eliminates Couplers Seizing Together
- Single-Barrel Pilot Pins with Two Set Screws
- Two Grommets with O-ring Seals
- Six-fingered Female Contact Pin for Positive Contact with Male Pin
- The connectors and cable are CSA certified - The complete assembly is NOT certified
- Rough Interior Surface Secures Wire
- Connectors are Water and Dust Tight when Engaged

(The above features are available only on SMS Connectors)



UNI-LOCK LEVER ACTION JUMPER ASSEMBLY

Lever Action Jumper Assembly Provides Both Old Style and New Style Connectors
Thus Eliminating Costly Change-Over from Brass Connector to New, All Rubber Connector.

STANDARD FEATURES

- Unique Molded Assembly - Maintenance Free
- Connectors are Water and Dust Tight when Engaged
- Engages Mechanically - Eliminates Couplers Seizing Together
- Two O-ring Seals in Manganese Bronze Casting
- All Rubber Connector - Will Not Go Out of Round
- Six-Fingered Female Contact Pin for Positive Contact with Male Pin
- The connectors and cable are CSA certified - The complete assembly is NOT certified

(The above features are available only on SMS Connectors)



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
- 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 4 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	500MCM	1000	500	Male Cable Attachable	Black / Blue Green / Orange Red / White Yellow
8348-201	500MCM	1000	500	Female Cable	
8348-1001	500MCM	1000	500	Male Panel Mount	
8348-701	500MCM	1000	500	Female Panel Mount	

8348 SERIES - SPECIAL MINES SERVICES RECOMMENDED RATINGS

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.

When ordering grommets for Level-Action Connectors, identify the part prefix LA (e.g. 313305-1LA)

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. 32 4044-2	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