

# A Major Turning Point

**ROTO-LUG™**  
ELECTRICAL CONNECTORS  
FROM CMC®



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# 50%

## LABOR SAVINGS

**The stress-free torque connection means less bending and only one person is needed for installation.**



**Product  
Introduction  
Video**

## Turning Point Technology

- No longer will wire be bent beyond allowable radius code set by UL, reducing heating and stress issues associated with improper installations
- The practical bending mechanism reduces the amount of extra wire needed for the job
- Less wire needed to trim and land
- ROTO-LUG™ connectors fit all standard busses
- Lugs have been designed for larger wire diameters, with testing completed on 750-3/0 AL 600-3/0 CU, UL Listed with Canadian Standards accreditation included - cULus
- No more onsite work-arounds, wasted wire and rework
- ROTO-LUG™ technology will provide the same benefits to both larger and smaller wire sizes
- Since the ROTO-LUG™ connector fits on standard busses, replacement of old lugs with this new design will allow for quick cutout of old wire and secure a straight-line fit into the new lug
- Easy access to the set screws will reduce time and need for special tools
- Set screws are 5/8" hex head, not 1/2" ALLEN® wrench, thus eliminating stripping during torque
- Suitable for use with either copper or aluminum conductors at 90°C

**219°<sup>o</sup>**  
**OF**  
**ROTATION**  
**MEANS NO WIRE BENDING**

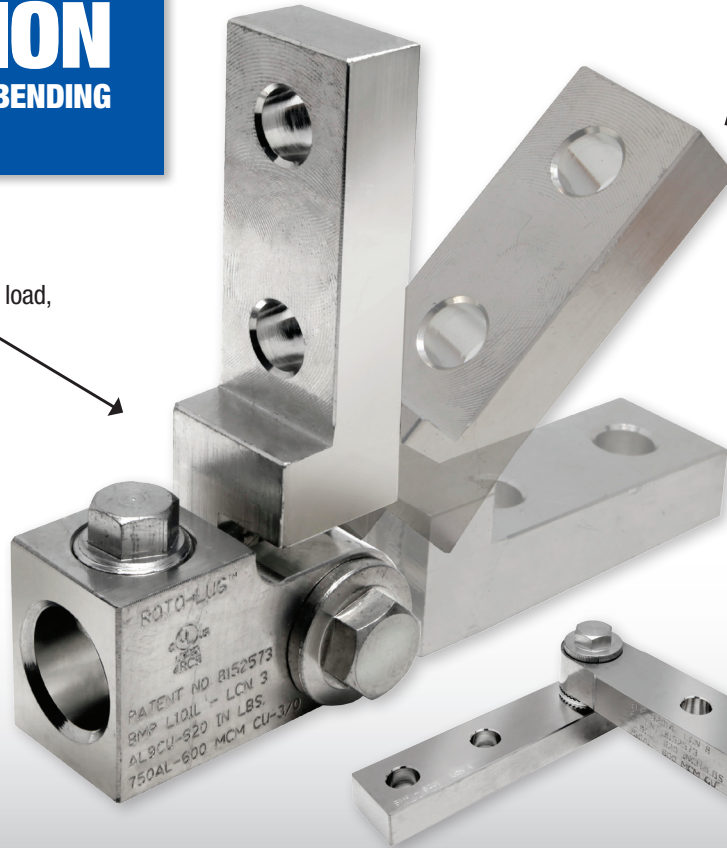
# All Angles Covered

## Turn-Prevent

To stop movement under load, base has two bolts

## Wire Management

Chamfered wire entry provides ease of installation

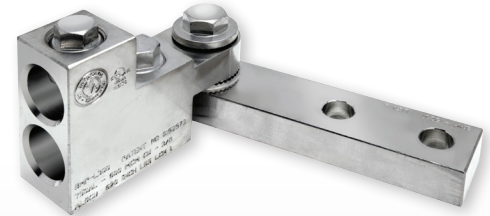


## Rotate & Lock

Geared to prevent movement under load during contraction period with a single locking bolt. Torque to 620 inch-lbs

## Both Single & Multi-Port

The bases are designed to handle both single and dual lugs for safety



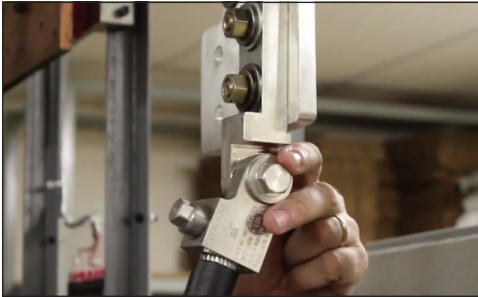
## Mounting Adapter

Hole location: mounting hole diameter is .562" for 1/2" bolts and NEMA spaced 1 3/4" hole-to-hole for standard bus bar mounting

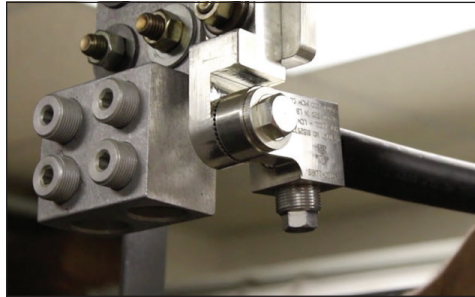
# Revolution in Rotation

Wire has become larger in size while the switchgear has become smaller and more compact. Over-bending and over heating of wire combined with the brute force needed by two people during installation are major concerns needing a solution. **The ROTO-LUG™ connector is the revolutionary answer.**

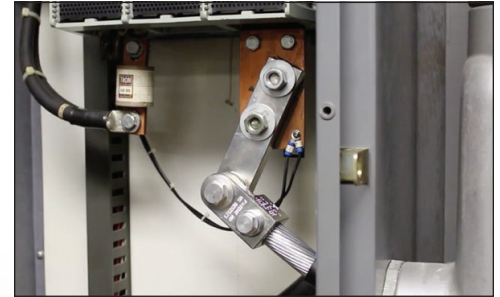
The ROTO-LUG™ connector allows for wire to be landed in a straight line into the switchgear box or breakers then rotated up to 219° for a stress-free torque connection to the bus from virtually any point. The wire integrity is never compromised.



**Without the need for an ALLEN® wrench proper torque can be applied.**



**ROTO-LUG™ connectors manage large diameter cable without bending.**




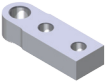






**ROTO-LUG™ connectors allow for the wire to be landed in a straight line in a switchgear box or breaker.**

# Rotate Your Approach

Pair any lug with any base or adapter for the optimal ROTO-LUG™ connector configuration to meet your application requirements.

ROTO-LUG™ Connector Adapters and Lugs

		ROTO-LUG™ Connector Bases		
		 RL-SB	 RL-EB	 RL-LRB
	RL-ADS (pictured)	RL-ADS-SB	RL-ADS-EB	RL-ADS-LRB
	RL-ADE	RL-ADE-SB	RL-ADE-EB	RL-ADE-LRB
	RL-LA750T	RL-LA750T-SB	RL-LA750T-EB	RL-LA750T-LRB
	RL-LA750L	RL-LA750L-SB	RL-LA750L-EB	RL-LA750L-LRB
	RL-LA750R (pictured)	RL-LA750R-SB	RL-LA750R-EB	RL-LA750R-LRB
	RL-PV2750T	RL-PV2750T-SB	RL-PV2750T-EB	RL-PV2750T-LRB
	RL-PV2750L	RL-PV2750L-SB	RL-PV2750L-EB	RL-PV2750L-LRB
	RL-PV2750R (pictured)	RL-PV2750R-SB	RL-PV2750R-EB	RL-PV2750R-LRB

## Catalog Key

**RL = ROTO-LUG™ Connector**

**SB = Short Base**

**EB = Extended Base**

**LRB = Left/Right Handed Base**

**ADE = Extended Adapter**

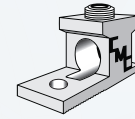
**ADS = Short Adapter**

**LA = 1 Hole Lug Assembly**

**L = Left Handed Lug**

**R = Right Handed Lug**

**PV2 = 2 Hole Stacked Lug Assembly**



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