



WHAT'S NEW CATALOG

2025 - 2026

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Fort Mill, SC 29715
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V.Q226



Q2 - 2025



ERGO SWITCH™ **IN-LINE DISCONNECT**

OVERVIEW

The ERGO Switch™ is the first in-line switch designed entirely with the lineman in mind. Ergonomic angles, modern tooling compatibility, and a ready-to-install design improve safety and reduce installation time.

KEY FEATURES

- **Lineman-Focused Ergonomic Design:** Angled connections allow fastening from a safer 45-degree working position
- **Hot-Stick Installation Capable:** Install from below the conductor with improved body positioning
- **Opposing Conductor Housing:** Enables easy hanging with a simple twisting action
- **Ready-to-Install Assembly:** All components attached; no external connections needed
- **Modern Tooling Compatible:** Requires only an impact tool or hot stick
- **Single-Person Installation:** First in-line switch designed for one-person install (safety rules permitting)
- **Eliminates Fire-On Tools:** No cartridges, maintenance programs, or wedge inventories required

TECHNICAL HIGHLIGHTS

- Reduces risk of contact with adjacent energized potentials
- Designed for faster, safer installation
- Patent pending

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



ERGO SWITCH™ IN-LINE DISCONNECT

BODY TYPE	CATALOG NUMBER	VOLTAGE RATING	CONDUCTOR SIZE RANGE	CONTINUOUS CURRENT
Small Body	ERG19D-1	15kV	#4 - 336	900A
	ERG29D-1	28kV		
	ERG39D-1	35kV		
Large Body	ERG19D-2	15kV	336 - 795	900A
	ERG29D-2	28kV		
	ERG39D-2	35kV		
	ERG11D-2	15kV		1200A
	ERG21D-2	28kV		
	ERG31D-2	35kV		

NOTE:

Tin-plated versions use -V catalog designator at the end.

- Example: ERG19D-1-V

MATERIAL:

- **Body:** Aluminum Alloy
- **Hardware:** Steel - Hot Dipped Galvanized, Stainless Steel
- **Blade and Contacts:** Silver Plated Copper
- **Contact Hinges:** Tin Plated Copper



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Q3 - 2025



MODULAR FIBERGLASS BRACKET

OVERVIEW

The Modular Fiberglass Bracket delivers a fast, durable, and hassle-free installation solution for utility crews. Designed with space-saving modular packaging and manufactured in the USA, the MFB improves storage efficiency, eliminates shipping risks, and accelerates storm response. Its lightweight, high-performance fiberglass construction and versatile mounting options make it ideal for a wide range of pole applications while doubling line truck capacity for more efficient field operations.

KEY FEATURES

- **Modular, Space-Saving Design:** Compact packaging reduces storage and transportation needs
- **Doubles Line Truck Capacity:** Carry up to 12 units per truck versus 6 for greater efficiency
- **Fast, Fail-Safe Assembly:** Simple installation process speeds deployment in the field
- **Versatile Mounting:** Compatible with multiple pole types and configurations
- **Made in the USA:** Eliminates tariffs and overseas shipping delays

TECHNICAL HIGHLIGHTS

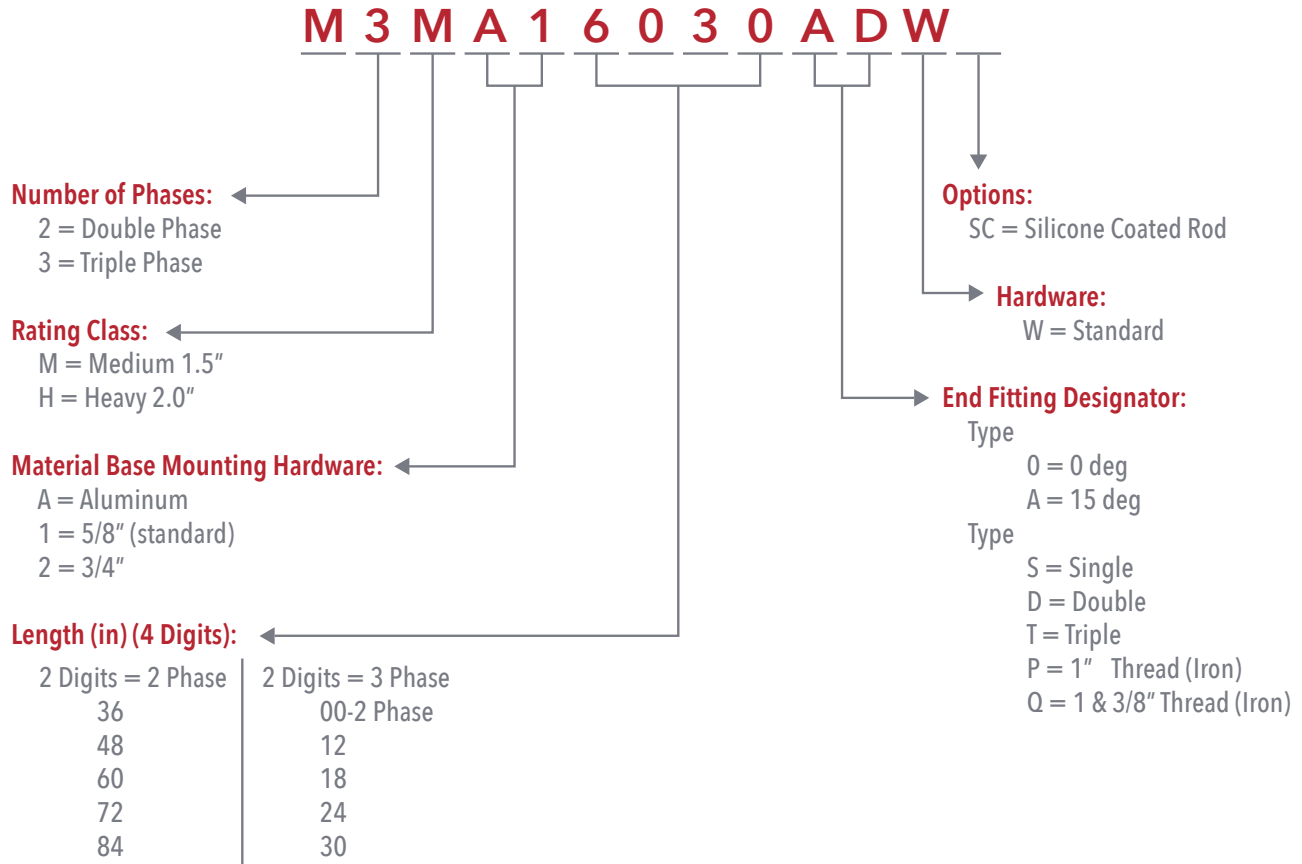
- UVMAXXTM fiberglass construction with 80-year service life expectancy
- UL94 V-0 rated material for flame resistance
- Reduced truck and warehouse storage footprint; no crating required
- Ships from stock in as little as two weeks for rapid deployment
- Designed to support faster storm recovery and service restoration

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



MODULAR FIBERGLASS BRACKET - CATALOG BUILDER



NOTE:

- All fittings are AL unless noted



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ANTI-CLIMBING GUARDS

OVERVIEW

The Anti-Climbing Guards (J2300XX series) are designed to enhance safety, efficiency, and adaptability in transmission and distribution applications. Engineered for straightforward installation and flexible field use, these guards help protect structures while minimizing handling, reducing installation time, and improving overall job-site productivity.

KEY FEATURES

- **Modular Overlap Design:** Additional hole pattern allows guards to overlap and span varying distances
- **No Field Cutting Required:** Eliminates cutting in the field for safer, faster installation
- **Improved Installation Efficiency:** Simplified handling for line crews
- **Enhanced Safety:** Reduced handling and modification during installation
- **Durable, Job-Site Ready Packaging:** Guards are secured in wood crates and hardware in rugged plastic pails, all designed to withstand demanding field conditions
- **Separate Component Ordering:** Guards, J-bolts, and washers managed independently

TECHNICAL HIGHLIGHTS

- Engineered hole pattern supports adjustable overlap for flexible installation lengths
- Bulk packaging supports efficient transport and job-site organization
- Separated hardware components improve inventory management and distribution control
- Standard pack quantities defined per latest engineering drawings

ORDERING & AVAILABILITY

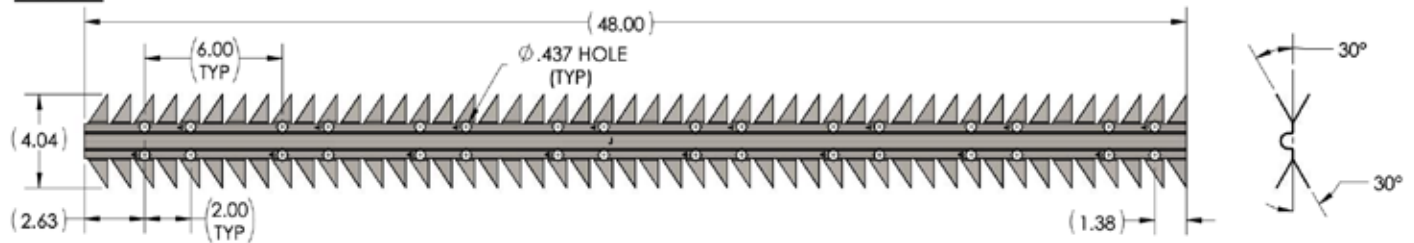
- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



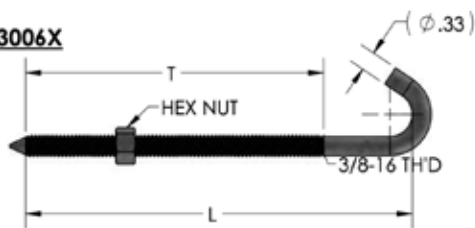
ANTI-CLIMBING GUARDS

CATALOG NUMBER	PART NUMBER	DESCRIPTION	L	T	STANDARD PACK QTY	MIN. ORDER QTY	PACKAGING
J23007A	F102893	Anti-Climbing Guard	N/A	N/A	450	900	Wooden Crate - 65" x 42" x 29"
J230063	F102341	J-Bolt	3.5"	2"	200	1800	2 Gallon Bucket
J230066	F102342	J-Bolt	6.5"	5"	150	1350	2 Gallon Bucket
J230069	F102340	J-Bolt	9.5"	6"	50	1600	2 Gallon Bucket
J23005	F102417	Twisted Washer	N/A	N/A	100	900	2 Gallon Bucket

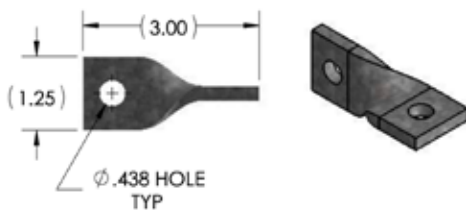
J23007A



J23006X



J23005



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Q4 - 2025



UVMAXX™ **FIBERGLASS CROSSARMS**

OVERVIEW

The UVMAXX™ Fiberglass Crossarms from MacLean Power Systems set a new standard in durability and long-term performance for utility structures. Engineered with a foam-filled composite design and built to excel in both laboratory and real-world conditions, UVMAXX™ crossarms deliver industry-leading service life exceeding 80 years. Designed for versatility, sustainability, and ease of installation, this lineup supports a wide range of distribution and transmission applications while meeting rigorous utility standards.

KEY FEATURES

- **Industry-Leading Durability:** Foam-filled composite construction engineered for maximum strength and extended service life
- **Installation Efficiency:** Braceless, ready-to-install designs reduce field labor and assembly time
- **Versatile Design:** Field drillable and available in multiple RUS-listed configurations to meet diverse utility needs
- **Environmental Resistance:** Built to withstand harsh conditions while maintaining long-term performance
- **Sustainable Solution:** Environmentally friendly materials and design support modern utility requirements

TECHNICAL HIGHLIGHTS

- 80+ year life expectancy for long-term infrastructure reliability
- UL94 V-0 fire-resiliency rating for enhanced safety performance
- RUS-listed product offerings supporting utility compliance requirements
- Engineered and validated for performance in both lab testing and real-world conditions

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



EXPANDED PRODUCT LINE, NOW TO INCLUDE:

PT SERIES - MEDIUM DUTY TANGENT

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1000 LBS	WEIGHT	BEAM SIZE W x H
PT10ST005I	10 Ft.	5,000 Lbs.	2,500 Lbs.	0.9"	45 Lbs.	3-5/8" x 4-5/8"
PT08ST004I	8 Ft.	6,000 Lbs.	3,000 Lbs.	0.6"	37 Lbs.	3-5/8" x 4-5/8"
PT08ST003I	8 Ft.	6,000 Lbs.	4,400 Lbs.	0.6"	37 Lbs.	3-5/8" x 4-5/8"

PK SERIES - HEAVY DUTY DEADEND

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1000 LBS	GUY HOLE RATING (DUAL/SINGLE)	GUY HOLE SIZE	WEIGHT	BEAM SIZE W x H
PK08SD003-2E	8 Ft.	13,700 Lbs.	13,700 Lbs.	0.22"	40000/30000	13/16"	77 Lbs.	4.625" x 3.625"
PK08SD003-4E	8 Ft.	13,700 Lbs.	10,000 Lbs.	0.22"	40000/30000	13/16"	84 Lbs.	4.625" x 3.625"
PK10SD005-2E	10 Ft.	11,750 Lbs.	11,750 Lbs.	0.42"	40000/30000	13/16"	89 Lbs.	4.625" x 3.625"
PK10SD005-4E	10 Ft.	11,750 Lbs.	8,750 Lbs.	0.42"	40000/30000	13/16"	98 Lbs.	4.625" x 3.625"

PF SERIES - EXTRA HEAVY DUTY DEADEND

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1000 LBS	GUY HOLE RATING (DUAL/SINGLE)	GUY HOLE SIZE	WEIGHT	BEAM SIZE W x H
PF08SD003-2E	8 Ft.	17,000 Lbs.	17,000 Lbs.	<0.15"	40000/30000	13/16"	92 Lbs.	6" x 4"
PF08SD003-4E	8 Ft.	17,000 Lbs.	12,500 Lbs.	<0.15"	40000/30000	13/16"	100 Lbs.	6" x 4"
PF10SD005-2E	10 Ft.	15,000 Lbs.	15,000 Lbs.	0.27"	40000/30000	13/16"	106 Lbs.	6" x 4"
PF10SD005-4E	10 Ft.	15,000 Lbs.	11,000 Lbs.	0.27"	40000/30000	13/16"	114 Lbs.	6" x 4"

MORE PRODUCT OFFERINGS AVAILABLE ON MPS WEBSITE



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TP CONDUCTOR UNIVERSAL TRUNNION™

OVERVIEW

The TP Universal Trunnion™ is an advanced addition to the Polymer Distribution Line Post Insulator family, purpose-built for modern distribution systems utilizing twisted pair (TP) conductor. Designed for performance, reliability, and installation efficiency, it eliminates the need for traditional clamps and saddle hardware while maintaining compatibility with established utility design practices. The TP Universal Trunnion™ helps simplify installation, reduce inventory complexity, and support long-term system performance.

KEY FEATURES

- **TP Conductor Design:** Optimized for twisted pair conductor applications across a wide range (0.563"–0.927")
- **Clamp-Free Simplicity:** Eliminates traditional trunnions and saddle clamps for faster, easier installation
- **Lightweight, Durable Construction:** Aluminum fittings combined with MPS silicone and ECR fiberglass for long-term reliability
- **Flexible Mounting:** Suitable for both pole mount and crossarm configurations
- **Advanced Sealing System:** MPS biaxial compression seal enhances environmental protection

TECHNICAL HIGHLIGHTS

- Rated for 46–69kV overhead distribution applications
- Reduces SKU proliferation and simplifies inventory management
- Maintains compatibility with existing TP design practices
- Polymer construction delivers consistent performance in demanding environments

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



TP - TWISTED PAIR - GEN 2 46kV - 69kV

CATALOG NUMBER	LINE VOLTAGE	ANSI CLASS	ASSEMBLY WEIGHT LB/[KG]	RUBBER LENGTH IN/[MM]	SECTION LENGTH IN/[MM]	DRY ARC IN/[MM]	LEAKAGE IN/[MM]	STL LBS/[kN]	SCL LBS/[kN]	MDCL LBS/[kN]	UNITS PER CARTON	UNITS PER PALLET
H740U0010MXSS005	46	ALL	15.1 [6.8]	9.8 [249]	18.8 [478]	12.6 [321]	32.2 [817]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	40
H740U0012MXSS006	46	ALL	16.0 [7.3]	11.8 [300]	20.9 [531]	14.7 [373]	38.5 [978]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	40
H740U0014MXSS007	46	ALL	16.7 [7.6]	13.8 [351]	22.9 [582]	16.7 [423]	45.0 [1142]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	40
H740U0016MXSS008	69	ALL	17.6 [8.0]	15.9 [404]	25.0 [634]	18.4 [467]	51.5 [1308]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	40
H740U0018MXSS009	69	ALL	18.2 [8.2]	18.0 [456]	27.0 [687]	20.8 [529]	58.2 [1478]	5000 [22.2]	2470 [11]	1235 [5.5]	2	40
H790U0010MXSS005	46	ALL	12.5 [465]	9.8 [249]	19.8 [465]	12.6 [321]	32.2 [817]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	30
H790U0012MXSS006	46	ALL	13.8 [6.3]	11.8 [300]	21.6 [513]	14.7 [373]	38.5 [978]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	30
H790U0014MXSS007	46	ALL	15.2 [6.9]	13.8 [351]	23.7 [564]	16.7 [423]	45.0 [1142]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	20
H790U0016MXSS008	69	ALL	16.6 [7.5]	15.9 [404]	25.9 [617]	18.4 [467]	51.5 [1308]	5000 [22.2]	2800 [12.5]	1350 [6.0]	2	20
H790U0018MXSS009	69	ALL	18.0 [8.2]	18.0 [456]	27.7 [673]	20.8 [529]	58.2 [1478]	5000 [22.2]	2470 [11]	1235 [5.5]	2	20



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Q1 - 2026



GRIPSAFE™ SUSPENSION CLAMP

OVERVIEW

The GripSafe™ Suspension Clamp from MacLean Power Systems is designed to improve efficiency, versatility, and reliability in transmission applications. Featuring a patent-pending design, toolless damper retention, and an ergonomic pivot, it enables faster, simpler installation while maintaining secure performance across a wide conductor range. GripSafe™ helps reduce inventory, streamline field operations, and enhance protection for modern transmission systems.

KEY FEATURES

- **Modular Body Design:** Covers full 0.312"–2.001" conductor range with only five SKUs
- **Independent Double Keepers:** Automatically center conductors in both X and Y axes
- **Toolless Damper Retention:** No hardware or adhesives required
- **Rubber Damping System:** Protects against vibration, abrasion, and fatigue
- **High-Temperature Performance:** Maintains slip resistance in demanding conditions
- **Armor Rod-Free Design:** Enables faster, lower-cost installation
- **Captive Hardware:** Prevents lost components during installation

TECHNICAL HIGHLIGHTS

- Patent-pending ergonomic pivot for simplified installation
- Self-centering design for consistent conductor positioning
- Broad conductor compatibility to reduce inventory complexity

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



GRIPSAFE™ SUSPENSION CLAMP

CATALOG NUMBER	ASSEMBLY WEIGHT	CONDUCTOR RANGE MIN	CONDUCTOR RANGE MAX	MODULAR PART INSERT	MODULAR PART KEEPER	MODULAR PART BODY	ULTIMATE STRENGTH
GSSC-0608	3.16 Lbs.	0.312"	0.608"	P83698	P83695	P83599	15,000 Lbs.
GSSC-0883	9.39 Lbs.	0.609"	0.883"	P83699	P83696	P83694	30,000 Lbs.
GSSC-1196	9.3 Lbs.	0.884"	1.196"	P83700			
GSSC-1545	9.23 Lbs.	1.197"	1.545"	P83701	P83697	P83694	30,000 Lbs.
GSSC-2001	9.15 Lbs.	1.546"	2.001"	P83702			

Note:
Items highlighted in red are scheduled for release in Q3/Q4 2026.



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COMPOSITE POLE HARDWARE

OVERVIEW

MPS is expanding its product line to meet evolving customer requirements by introducing a Less Teeth (LT) configuration of its existing distribution hardware. These products leverage proven legacy designs but feature no pole-engaging teeth, allowing for secure mounting on composite and other non-wood structures.

KEY FEATURES

- **Legacy Design Reliability:** Maintains the mechanical integrity and performance of existing designs
- **Less Teeth Configuration:** Teeth removed to accommodate composite and non-wood poles
- **Catalog Identification:** Products are labeled with the suffix “-LT” to distinguish the Less Teeth version from standard products

TECHNICAL HIGHLIGHTS

- Maintains structural strength of existing designs
- Made from USA casted aluminum and hot-dipped galvanized cast iron
- Easy installation on multiple pole types

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service

MARKET RELEVANCE

- Supports growing adoption of non-wood utility structures
- Expands MPS offerings while preserving trusted performance



AERIAL CABLE / MESSENGER EXPANSION

CATALOG NUMBER	MOUNTING BOLTS	MESSENGER RANGE	GROUND WIRE	POLE TO MESSENGER	WEIGHT/ 100
MB-62LT	5/8"	0.25" - 0.61"	0.16" - 0.25"	1 - 1/2"	130 Lbs.
MBA-72LT	5/8"	0.25" - 0.72"	0.12" - 0.25"	-	65 Lbs.
SB32/42LT	5/8"	0.16" - 0.56"	0.16" - 0.37"	1 - 1/2"	150 Lbs.

AERIAL CABLE / MESSENGER, CORNER ATTACHMENT EXPANSION

CATALOG NUMBER	OVERALL CLAMP LENGTH	EYE CENTER SPACING	WEIGHT/ 100
P294LT	5.5"	2 - 1/2"	138 Lbs.

GUY HOOK EXPANSION

CATALOG NUMBER	OVERALL LENGTH	MOUNTING HOLE	45° ULTIMATE STRENGTH	WEIGHT/ 100
P134AXWLT	4 - 3/4"	13/16"	20,050 Lbs.	110 Lbs.
P135AXWLT	4 - 1/2"	11/16"	13,550 Lbs.	88 Lbs.
P151XLT	3 - 3/4"	11/16"	13,550 Lbs.	77 Lbs.

CATALOG NUMBER	OVERALL LENGTH	MAX WIRE DIAMETER	MOUNTING HOLE	MIN ULTIMATE STRENGTH	MOUNTING BOLT - BOTTOM	WEIGHT/ 100
AG-5LT	4 - 1/8"	7/16"	5/8"	13,500 Lbs.	1/2"	55 Lbs.
AG-6XLT	4"	1/2"	3/4"	20,050 Lbs.	-	60 Lbs.

POLE EYE PLATE EXPANSION

CATALOG NUMBER	MAX CLEVIS PIN	45° RATING	90° RATING	MOUNTING BOLTS	WEIGHT/ 100
EPR-77-7-LT	7/8"	42,000	36,000	3/4" - 7/8"	565 Lbs.
EPR877-D7RE-LT	7/8"	42,000	36,000	3/4" - 7/8"	1028 Lbs.

MORE PRODUCT OFFERINGS AVAILABLE ON MPS WEBSITE

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UVMAXX™ COASTAL CROSSARMS

OVERVIEW

UVMAXX™ Coastal Series Crossarms are engineered to deliver enhanced performance in high-salt environments. Designed to combat tracking and corrosion challenges in coastal and winter-intensive regions, these upgraded fiberglass crossarms improve grid resiliency while maintaining the structural strength and electrical isolation utilities depend on.

KEY FEATURES

- **Corrosion Resistant (CR) Designation:** Identified by a "CR" suffix in the catalog number for easy specification
- **Superior Hydrophobic Performance:** Provides 5x+ greater resistance to tracking in saline environments under voltage compared to market alternatives
- **Fiberglass Construction Advantage:** Inherently hydrophobic with electrically isolating properties for added protection
- **Available Across Duty Ratings:** Offered in Light, Standard, and Heavy Duty UVMAXX™ Dead-end and Tangent Crossarms
- **Upgraded Hardware Options:** Available with 316 Stainless Steel forgings and aluminum castings for enhanced corrosion resistance
- **Extreme Environment Ready:** Designed specifically for coastal regions and areas with heavy de-icing salt exposure

TECHNICAL HIGHLIGHTS

- Mitigates leakage current and surface tracking caused by salt buildup
- Maintains transverse load capability without the need for excessive over-insulation
- Reduces reliance on bonded hardware solutions
- Engineered for long-term durability in high-saline conditions

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



LIGHT DUTY TANGENT CROSSARMS SERIES PX

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1,000 LBS	WEIGHT	BEAM SIZE W X H	DESCRIPTION
PX08ST003-CRI	8'	3,200 Lbs.	2,350 Lbs.	0.68"	32 Lbs.	3.625" x 4.625"	Braceless
PX08ST004-CRI	8'	3,200 Lbs.	1,600 Lbs.	0.68"	32 Lbs.	3.625" x 4.625"	Braceless
PX10ST005-CRI	10'	2,500 Lbs.	1,250 Lbs.	1.28"	38 Lbs.	3.625" x 4.625"	Braceless

MEDIUM DUTY TANGENT CROSSARMS SERIES PT

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1,000 LBS	WEIGHT	BEAM SIZE W X H	DESCRIPTION
PT08ST003I-CRI	8'	6,000 Lbs.	4,400 Lbs.	0.6"	37 Lbs.	3.625" x 4.625"	Braceless
PT08ST004I-CRI	8'	6,000 Lbs.	3,000 Lbs.	0.6"	37 Lbs.	3.625" x 4.625"	Braceless
PT10ST005I-CRI	10'	5,000 Lbs.	2,500 Lbs.	0.9"	45 Lbs.	3.625" x 4.625"	Braceless

STANDARD DUTY DEADEND CROSSARMS SERIES PW

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1,000 LBS	GUY HOLE RATING (DUAL/SINGLE)	GUY HOLE SIZE	WEIGHT	BEAM SIZE W X H
PW08LD003-2E-CRI	8'	10,200 Lbs.	10,200 Lbs.	0.35"	24,000 / 21,000	11/16"	48 Lbs.	4.625" x 3.625"
PW08LD003-4E-CRI	8'	10,200 Lbs.	7,300 Lbs.	0.35"	24,000 / 21,000	11/16"	53 Lbs.	4.625" x 3.625"
PW10LD005-2E-CRI	10'	7,950 Lbs.	7,950 Lbs.	0.7"	24,000 / 21,000	11/16"	56 Lbs.	4.625" x 3.625"
PW10LD005-4E-CRI	10'	7,950 Lbs.	6,050 Lbs.	0.7"	24,000 / 21,000	11/16"	61 Lbs.	4.625" x 3.625"

HEAVY DUTY DEADEND CROSSARMS SERIES PK

CATALOG NUMBER	LENGTH	ULTIMATE LOAD PER SIDE	ULTIMATE LOAD PER POSITION	DEFLECTION PER 1,000 LBS	GUY HOLE RATING (DUAL/SINGLE)	GUY HOLE SIZE	WEIGHT	BEAM SIZE W X H
PK08LD003-2E-CRI	8'	13,700 Lbs.	13,700 Lbs.	0.22"	40,000 / 30,000	13/16"	77 Lbs.	4.625" x 3.625"
PK08LD003-4E-CRI	8'	13,700 Lbs.	10,000 Lbs.	0.22"	40,000 / 30,000	13/16"	84 Lbs.	4.625" x 3.625"
PK10LD005-2E-CRI	10'	11,750 Lbs.	11,750 Lbs.	0.42"	40,000 / 30,000	13/16"	89 Lbs.	4.625" x 3.625"
PK10LD005-4E-CRI	10'	11,750 Lbs.	8,750 Lbs.	0.42"	40,000 / 30,000	13/16"	98 Lbs.	4.625" x 3.625"

MORE PRODUCT OFFERINGS AVAILABLE ON MPS WEBSITE



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PARALLEL GROOVE CLAMPS (PG SERIES)

OVERVIEW

The PG Series Parallel Groove (PG) Clamp from MacLean Power Systems provides a reliable, low-resistance connection for overhead conductors. Designed for mainline-to-apparatus connections or tap connections from large to smaller conductors, the PG Series emphasizes simplicity, safety, and performance. These clamps deliver a robust and cost-effective solution for power distribution applications.

KEY FEATURES

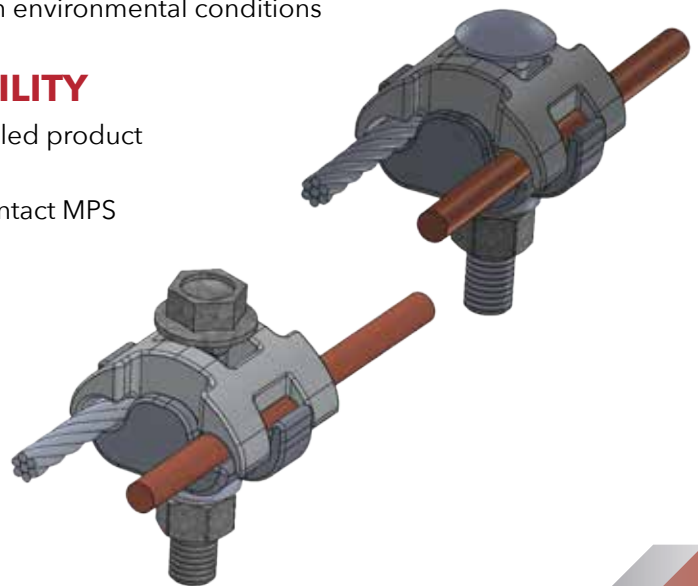
- **Versatile Conductor Compatibility:** Suitable for ranges #8-4/0. ACSR, AAAC, or AAC in the main position; ACSR, AAAC, AAC, or Copper in tap positions
- **High-Purity Aluminum Alloy Clamp Bodies:** Ensures low-resistance, durable electrical connections
- **Corrosion Protection:** Factory-applied corrosion inhibiting compound in both main and tap grooves
- **Easy Identification:** Clearly marked with conductor application information
- **Pre-Filled Synthetic Grease:** Resistant to washout, performs in temperatures from -40°C to 200°C

TECHNICAL HIGHLIGHTS

- Provides reliable low-resistance connections for overhead conductors
- Designed for fast, safe, and cost-effective installation
- Engineered to withstand harsh environmental conditions

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



PARALLEL GROOVE CLAMPS (PG SERIES)

CATALOG NUMBER HEX HEAD BOLT	CATALOG NUMBER CARRIAGE BOLT	APPLICATION CONDUCTOR MAIN - ACSR AL	APPLICATION CONDUCTOR TAP - ACSR AL CU	CONDUCTOR DIAMETER MAIN - MIN-MAX	CONDUCTOR DIAMETER TAP - MIN-MAX	WIDTH	HEIGHT	LENGTH	BOLT
PGA810H9	PGA810C9	#8-1/0	#8-1/0	0.128" - 0.398"	0.128" - 0.398"	1.8"	2.5"	1.4"	3/8"
PGA240H9	PGA240C9	#2-4/0	#2-4/0	0.258" - 0.563"	0.258" - 0.563"	2"	2.4"	2"	1/2"
PGA62H-9	PGA62C-9	#6 - #2	#6 - #2	0.162" - 0.316"	0.162" - 0.316"	1.4"	2.0"	1.4"	5/16"
PGA132H-9	PGA132C-9	1/0 - 336 ACSR 1/0 - 400 AAC	#8 - 2/0	0.368" - 0.741"	0.128" - 0.447"	2.1"	2.5"	2.0"	3/8"
PGA133H-9*	PGA133C-9*	1/0 - 336 ACSR 1/0 - 400 AAC	1/0 - 336 ACSR 1/0 - 400 AAC	0.367" - 0.741"	0.367" - 0.741"	2.5"	3.4"	3.8"	1/2"

*TWO BOLT CLAMP
CLAMPS WITH COPPER LINER

CATALOG NUMBER HEX HEAD BOLT	CATALOG NUMBER CARRIAGE BOLT	APPLICATION CONDUCTOR MAIN - ACSR AL	APPLICATION CONDUCTOR TAP - ACSR AL CU	CONDUCTOR DIAMETER MAIN - MIN-MAX	CONDUCTOR DIAMETER TAP - MIN-MAX	WIDTH	HEIGHT	LENGTH	BOLT
PGC810H-9	PGC810C-9	#6 - 1/0	#8-1/0	0.612" - 0.398"	0.128" - 0.398"	1.5"	2.5"	2.5"	3/8"
PGC133H-9	PGC133C-9	1/0 - 336 ACSR 1/0 - 400 AAC	#8-1/0	0.398" - 0.741"	0.128" - 0.398"	1.9"	2.5"	2.5"	3/8"

Note:

Items highlighted in red are scheduled for release in Q3/Q4 2026.

CATALOG NUMBER	CROSS	COMPETITOR
PGA810H9	LC51CXB	HPS
PGA810C9	PAA59	Blackburn
PGA240H9	LC52AXB*	HPS
PGA240C9	PAA129	Blackburn

*Functional cross



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Q2 - 2026



POLE STEP FOR HOLLOW POLES

OVERVIEW

The Pole Step catalog #SI-4040 from MacLean Power Systems is built for use on hollow steel and composite poles. Designed to install easily into a standard 1-inch hole while giving linemen a secure, stable step. With a cast aluminum body, strong grip surface, and a large boot keeper, it provides dependable performance in the field.

KEY FEATURES

- **Large Boot Keeper:** Keeps boots secure while climbing
- **Integrated Anchor Point:** Adds an extra level of safety on the pole
- **Grooved Step Surface:** Improves traction in all conditions
- **TDG-Coated Hardware:** Helps protect against corrosion and extend service life
- **Standards Compliance:** Meets ANSI Z359.18, OSHA 1910.24, and NESC Rule 261N

TECHNICAL HIGHLIGHTS

- Designed for hollow steel and composite pole applications
- Cast aluminum construction balances strength and weight
- Durable design built to handle everyday field use
- Focused on improving safety and stability for linemen

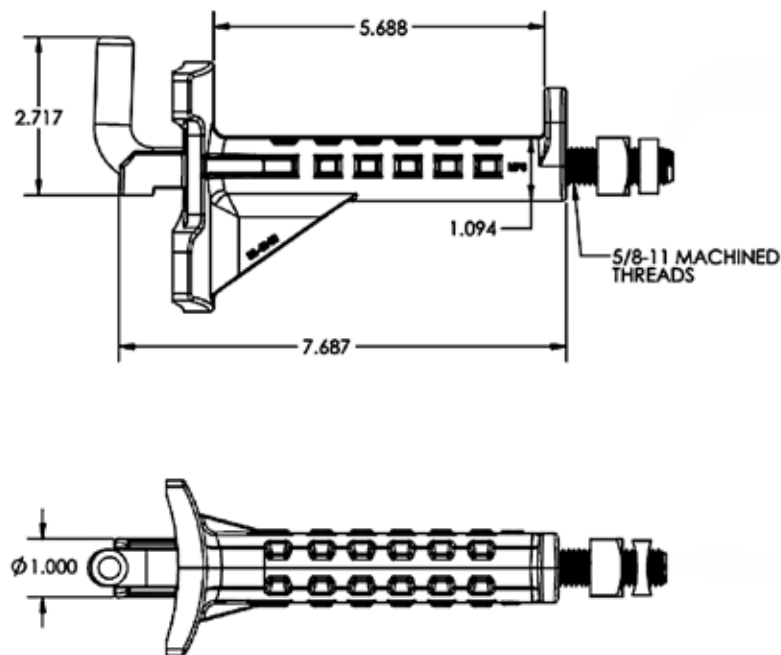
ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



POLE STEP

CATALOG NUMBER	DESCRIPTION	POLE DIAMETER	POLE THICKNESS	WEIGHT EA	CARTON QTY
SI-4040	Pole Step, Hollow Pole	10" - 20"	0.35" - 1.60"	2 Lbs.	10



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HOT LINE ALUMINUM STIRRUP (HLAS)

OVERVIEW

MPS introduces the new HLAS (Hot Line Aluminum Stirrup) series, designed to enhance safety, durability, and efficiency in hot line and live-line applications. A sprung opening allows easy installation over the conductor, while round eye stems support smooth hot-stick operation.

KEY FEATURES

- **Springed Opening Design:** Enables quick installation over the conductor
- **Hot-Stick Compatible:** Round eye stems support live-line work
- **Aluminum Construction:** Lightweight and durable for high-current applications
- **Live-Line Ready:** Designed for energized environments

TECHNICAL HIGHLIGHTS

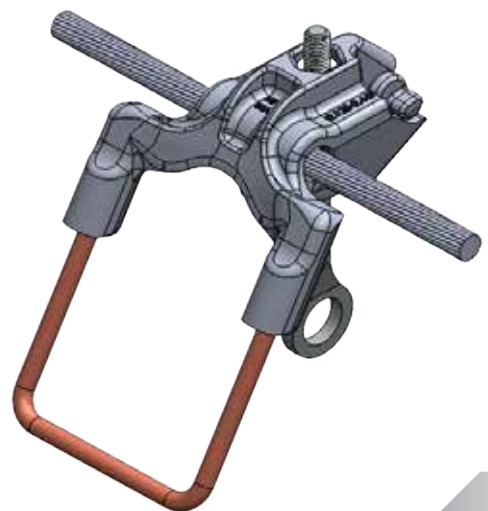
- Designed for reliable performance on energized conductors
- Promotes improved installer positioning during live-line work
- Maintains consistent electrical contact under operating loads

SAFETY & RELIABILITY

- Supports established live-line safety practices
- Manufactured to meet MPS standards for performance and dependability

ORDERING & AVAILABILITY

- This addition reflects MPS's ongoing commitment to innovation, quality, and customer satisfaction.
- For specifications or ordering details, please contact your MPS representative or visit the MPS website.



HOT LINE ALUMINUM STIRRUP (HLAS)

CATALOG NUMBER	FIGURE	MIN. CONDUCTOR RANGE	MAX. CONDUCTOR RANGE
HLAS447E	1	0.128"	0.447"
HLAS813E	2	0.325"	0.813"
HLAS1246E	3	0.677"	1.246"

NOTE:

- Items highlighted in red are scheduled for release in Q3 2026.

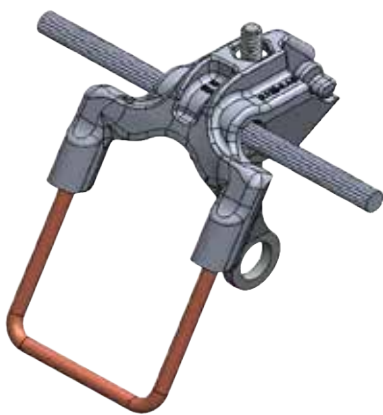


FIGURE 1

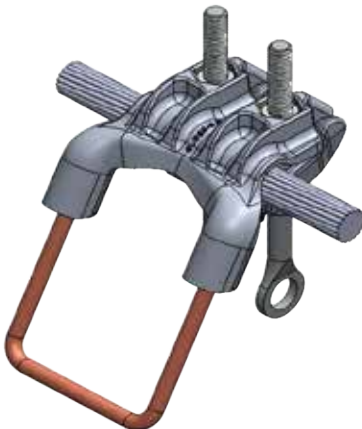


FIGURE 2

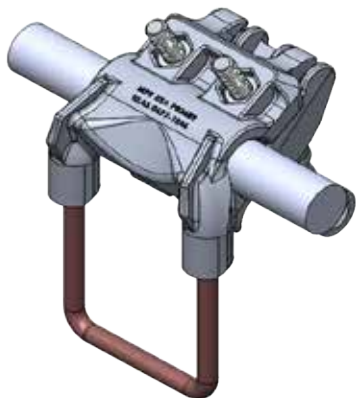


FIGURE 3



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TRANSMISSION UNIVERSAL TRUNNION™

OVERVIEW

The Transmission Universal Trunnion™ expands the MPS Polymer Line Post portfolio with a standardized, versatile conductor attachment solution. Designed to simplify installation while maintaining the mechanical strength and electrical performance utilities expect. It supports consistent design practices across a range of system configurations.

KEY FEATURES

- **Range Taking Clamp:** The integrated clamp design accommodates conductor diameters from 0.74" to 2.42", eliminating the need for conductor specific clamp configurations
- **Captive Clamping Components:** Accelerates installation and eliminates risk of dropped components
- **Multi-Orientation Installation:** Mounts in any orientation providing versatility in the line design

MARKET RELEVANCE

- Standardizes system design for various conductor and tower configurations
- Reduces SKU complexity and inventory carrying costs
- Supports streamlined construction and maintenance practices
- Enhances storm response efficiency through universal design

MANUFACTURING EXCELLENCE

All TI insulators and components are designed, engineered, and assembled in MPS York, South Carolina facility.



CATALOG NUMBER IDENTIFICATION

SMART NUMBERING

The catalog number for an insulator is intended to identify the characteristics and critical performance criteria of the insulator in an easy to understand format, ideally with consistency across the entire insulator product family.

H2	90	10	066	M	X	SS	025
CORE ROD	TOWER EF	LINE EF	RUBBER LENGTH	MOLDED/EXTRUDED	CORONA RING	SHED PATTERN	SHED COUNT

H2 CORE ROD

H2 = 2.5"
H3 = 3.0"
H4 = 3.5"

90 TOWER EF

10 = Flat Base 12°
11 = Flat Base 0°
1C = Fixed Flat
13 = Flat Base / 13 x 8
50 = 5" BC
90 = Gain 12°
91 = Gain 0°
92 = Gain 12° / 14" Spacing
9C = Fixed Gain 12°

10 LINE EF

10 = Drop Tongue
20 = Horizontal Trunnion
50 = 5" BC
60 = Vertical Trunnion
C0 = Extended Drop Tongue*
U0 = Universal Trunnion™

066 RUBBER LENGTH

Linear Distance EF to EF

M MOLD/EXTRUDED

M = Standard
A = 2.5" Incremental Shed Spacing
B = 2.0" Incremental Shed Spacing
C = 1.6" Incremental Shed Spacing

X CORONA RING

TOWER	LINE
X = None	X = None
A = None	A = 6"
B = None	B = 12"
C = None	C = 17"
E = 12"	E = 12"

SS SHED PATTERN

SS = Standard
RS = Reverse*

025 SHED COUNT

Based on Contamination Level

KEY

- * = Contact for further details
- BC = Bolt circle
- EF = End fitting

NOTES

- Bolt circle end fittings can be rotated
- Some options may be limited by rod diameter
- Don't see what you need? We've got more design options available! Please contact transmission@macleanpower.com for assistance

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TURBODRIVE™ CAST SOCKET DRIVE ANCHOR

OVERVIEW

The TurboDrive™ Cast Socket Drive Anchor from MacLean Power Systems is a power-installed screw anchor designed for fast installation, high strength, and simplified anchoring systems. Its fully cast construction and socket drive installation enable reliable performance across a wide range of soil conditions while reducing installation complexity for utility crews.

KEY FEATURES

- **Socket Drive Installation:** Simplifies installation and reduces required tooling
- **Reduced SKU Complexity:** Fewer product variations allow broader application coverage
- **Beveled Edge:** Improves ground penetration and speeds installation
- **Fluted Drive Tip:** Helps break through rocks and dense soil
- **Fully Cast Construction:** Eliminates welds for improved reliability
- **Made in the USA:** Domestic manufacturing with short lead times

TECHNICAL HIGHLIGHTS

- Designed to perform across multiple soil conditions, including rocky environments
- ½-inch helix configuration provides dependable holding capacity
- Constructed with a high-quality steel hub for structural durability
- Engineered to support efficient production, testing, and manufacturing consistency

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



2-1/4" TURBO DRIVE SOCKET ANCHORS -

10,000 FT-LB INSTALLATION TORQUE - 1/2" THICK HELIX

CATALOG NUMBER	WEIGHT LBS (KG)	HELIX DIAMETER IN (CM)	TAPPED FOR ROD SIZE IN (CM)
TDH225-104	16.7 (7.6)	10 (25.4)	3/4 or 1 (1.9 or 2.5)
TDH225-112	21.6 (9.8)	12 (30.5)	5/8 (1.6)
TDH225-114	21.6 (9.8)	12 (30.5)	3/4 or 1 (1.9 or 2.5)
TDH225-134	27 (12.2)	14 (35.6)	3/4 or 1 (1.9 or 2.5)
TDH225-82	12.7 (5.8)	8 (20.3)	5/8 (1.6)
TDH225-84	12.7 (5.8)	8 (20.3)	3/4 or 1 (1.9 or 2.5)

10,000 FT-LB INSTALLATION TORQUE - 3/8" THICK HELIX

CATALOG NUMBER	WEIGHT LBS (KG)	HELIX DIAMETER IN (CM)	TAPPED FOR ROD SIZE IN (CM)
TDH225-104	14.2 (6.4)	10 (25.4)	3/4 or 1 (1.9 or 2.5)
TDH225-114	17.9 (8.1)	12 (30.5)	3/4 or 1 (1.9 or 2.5)
TDH225-134	22.4 (10.2)	14 (35.6)	3/4 or 1 (1.9 or 2.5)
TDH225-82	11.2 (5.1)	8 (20.3)	5/8 (1.6)
TDH225-84	11.2 (5.1)	8 (20.3)	3/4 or 1 (1.9 or 2.5)



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SAFETY & GROUNDING PRODUCT LINE

OVERVIEW

MPS Safety and Grounding Products are built to protect lineworkers and ensure reliable system grounding across transmission, distribution, and substation applications. Developed with utilities and backed by over 25 years of field experience, these solutions deliver trusted performance, faster installation, and compliance with evolving safety standards. Engineered to ASTM F855 and IEC 61230, MPS products help crews work safer and more efficiently in demanding environments.

KEY FEATURES

- **Field-Proven Performance:** Designed with utility input to meet real-world grounding and safety requirements
- **Standards-Compliant:** Tested to ASTM F855, IEC 61230, and CAN-ULC standards for dependable fault protection
- **Complete System Offering:** Clamps, cables, ferrules, connectors, and assemblies for any grounding application
- **Hot-Stick Ready:** Designed for safe installation with shotgun sticks and improved worker positioning
- **High-Conductivity Materials:** 99.9% tin-plated copper components ensure maximum strength and performance
- **Built for Durability:** Sealed assemblies resist moisture and extend service life in harsh conditions
- **Versatile Application:** Suitable for conductors, bus bars, equipment, and structures across the grid

TECHNICAL HIGHLIGHTS

- High fault current capacity for demanding utility applications
- Multiple cable sizes and configurations to fit your needs
- Designed for use across transmission, distribution, and substations
- Built to perform reliably as grid demands continue to grow

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



SAFETY AND GROUNDING OFFERINGS

CATALOG NUMBER	JUMPER CABLE MIN	JUMPER CABLE MAX	MAIN CONDUCTOR MIN	MAIN CONDUCTOR MAX	CLAMP DESCRIPTION	DIST.	SUBS.	TRANS.	FAULT CURRENT RATING
HC-10015A	2	4/0	25mm	25mm	Bronze Ball	x	x	-	5H
			Grounding Ball Stud	Grounding Ball Stud	Stud Clamp				
01-M-037	#2	4/0	(0.13), #8	(1.13), 795 MCM	C-Clamp	x	x	-	
HCDB117	#2	4/0	(0.16), #6	(1.16), 900 MCM	Duckbill Clamp	x	x	-	
01-M-044	#2	4/0	(0.20), #4	(2-3/8), 2" IPS	Universal C-Clamp, 25mm Ball	x	x	x	
01-M-070A*	#2	4/0	(0.16), #6	(2-3/8), 2" IPS	Universal C-Clamp 25&30mm Ball	x	x	x	
HC-10041	#2	4/0	(0.40), 1/0	(1.60), 1780 MCM	Large Universal C-Clamp, 30mm Ball	x	x	x	7H
HC-10041A	350 MCM	350 MCM	(0.40), 1/0	(1.60), 1780 MCM	Large Universal C-Clamp, 30 mm Ball	x	x	x	
01-M-080	#4	4/0	(0.16), #6	(2.875)	Universal C-Clamp	x	x	x	5H
01-M-080A	350 MCM	350 MCM	(0.16), #6	(2.875)	Universal C-Clamp	x	x	x	6H



MORE PRODUCT OFFERINGS AVAILABLE ON MPS WEBSITE

ASSEMBLIES

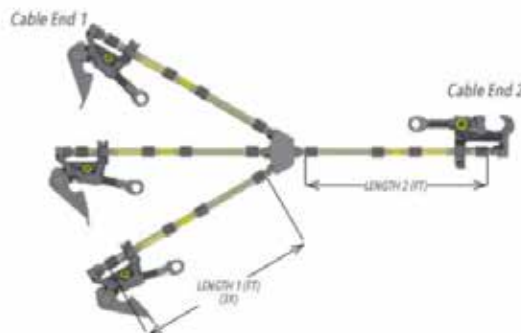
SINGLE PHASE ASSEMBLIES NUMBERING SYSTEM

EXAMPLE CATALOG #:	D - B	2/0	Y	10
	CABLE ENDS 1 & 2	CABLE SIZE	JACKET TYPE	CABLE LENGTH



THREE PHASE CLUSTER ASSEMBLIES NUMBERING SYSTEM

EXAMPLE CATALOG #:	D - B	2/0	Y	4	Y	8
	CABLE ENDS	CABLE SIZE	JACKET TYPE	CABLE LENGTH (L1)	THREE PHASE ASSEMBLY	CABLE LENGTH (L2)



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TOUGHENED GLASS INSULATORS

OVERVIEW

Toughened Glass Insulators from MacLean Power Systems are engineered for reliable performance in high-voltage (HV), extra-high-voltage (EHV), and DC transmission applications. Stocked and supplied from MPS's distribution center, Olive Branch, MS, these insulators are designed to perform in harsh operating environments and are backed by decades of proven global field experience. With a fail-safe design and long-term material stability, they provide dependable insulation and easy fault detection.

KEY FEATURES

- **Non-Aging Material:** Glass does not degrade over time, ensuring long-term insulation reliability
- **Fail-Safe Design:** Provides immediate visual indication of failure for faster maintenance response
- **High Mechanical Strength:** Reduces risk of damage during handling and installation
- **Post-Failure Integrity:** Maintains mechanical integrity even after shell failure

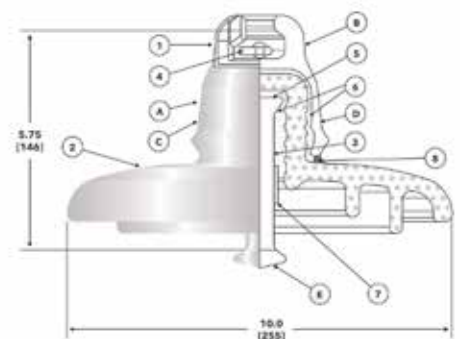
TECHNICAL HIGHLIGHTS

- Manufactured under ISO-certified systems (9001, 14001, 45001)
- Compliant with industry standards
- 100% routine mechanical and electrical testing prior to shipment
- 100% 3 cycle thermal shock testing prior to shipment
- Available in Standard, FOG, and silicone-coated

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service

ITEM #	QTY	DESCRIPTION	MATERIAL
1	1	Cap	Hot Dip Galvanized Cast Iron
2	1	Shell	Toughened Glass
3	1	Pin	Hot Dip Galvanized Forged Steel
4	1	Cotter Pin	Stainless Steel (ANSI)
5	1	Gasket	Asphalt Felt
6	—	Cement	Aluminous Cement, Hot Cured
7	1	Zinc Sleeve	Zinc
8	1	Coating	Pfizer



CATALOG NUMBER	MG523Z	MG525Z	MG528Z	MG5211Z	MG300Z	MG420Z	MG550Z
ANSI / IEC Class	52-3H	52-5H	52-8H	52-11	IEC-24	IEC-28	IEC-32
Coupling Type	B	J	K	K	24	28	32

MECHANICAL

Min. Mechanical	22,000 Lbs.	30,000 Lbs.	40,000 Lbs.	50,000 Lbs.	67,442 Lbs.	94,420 Lbs.	123,645 Lbs.
Failing Load	98 kN	133 kN	178 kN	222 kN	300 kN	420 kN	550 kN
Proof Routine Test	11,000 Lbs.	15,000 Lbs.	20,000 Lbs.	25,000 Lbs.	33,721 Lbs.	47,210 Lbs.	61,822 Lbs.
Mechanical Load	49 kN	67 kN	89 kN	111 kN	150 kN	210 kN	275 kN
Impact Strength	400 in - Lbs.	400 in - Lbs.	400 in - Lbs.	400 in - Lbs.	400 in - Lbs.	400 in - Lbs.	400 in - Lbs.

DIMENSIONS

Shell	10.0 in	10.0 in	11.0 in	11.0 in	12.6 in	14.2 in	14.2 in
Diameter	255 mm	255 mm	280 mm	280 mm	320 mm	360 mm	360 mm
Coupling	5.75 in	5.75 in	5.75 in	6.14 in	7.68 in	8.07 in	9.45 in
Length	146 mm	146 mm	146 mm	156 mm	195 mm	205 mm	240 mm
Leakage	12.6 in	12.6 in	15.7 in	15.7 in	19.1 in	21.7 in	25.0 in
Distance	321 mm	321 mm	400 mm	400 mm	485 mm	550 mm	635 mm

ELECTRICAL

Dry Flashover	80 kV	80 kV	80 kV	80 kV	85 kV	90 kV	90 kV
Wet Flashover	50 kV	50 kV	50 kV	50 kV	50 kV	55 kV	55 kV
CIFO+	125 kV	125 kV	125 kV	140 kV	130 kV	140 kV	140 kV
CIFO-	130 kV	130 kV	130 kV	140 kV	130 kV	140 kV	150 kV
Puncture Voltage	130 kV	130 kV	130 kV	130 kV	130 kV	130 kV	130 kV
RIV Test Voltage	10 kV	10 kV	10 kV	10 kV	10 kV	10 kV	10 kV
Max. RIV at 1 MHz	50 μ V	50 μ V	50 μ V	50 μ V	50 μ V	50 μ V	50 μ V

PACKAGING

Weight	8.0 Lbs.	8.8 Lbs.	13.2 Lbs.	15.7 Lbs.	23.4 Lbs.	35.3 Lbs.	39.2 Lbs.
No. of Units Wirebound	Qty: 6	Qty: 6	Qty: 5	Qty: 5	Qty: 5	Qty: 2	Qty: 2
Weight / Wirebound	49.9 Lbs.	54.9 Lbs.	68.6 Lbs.	81.6 Lbs.	121.7 Lbs.	73.4 Lbs.	81.5 Lbs.
No. of Units / Pallet	Qty: 144	Qty: 144	Qty: 80	Qty: 80	Qty: 45	Qty: 36	Qty: 36
Weight / Pallet	1210 Lbs.	1331 Lbs.	1109 Lbs.	1319 Lbs.	1106 Lbs.	1334 Lbs.	1482 Lbs.

ORDERING NOTES:

- Silicone coated option: add suffix "-SIL" to catalog number (Example: MG525Z-SIL)
- Long pin option: add suffix "-L" to catalog number (Example: MG525Z-L)
- Fog disk option: add suffix "-F" to catalog number (Example: MG525Z-F)
- Aero disk option: add suffix "-A" to catalog number (Example: MG525Z-A)
- Canadian equivalent option: add suffix "-CSA" to catalog number (Example: MG525Z-CSA)

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GRIDCORE™ COMPOSITE UTILITY POLES

OVERVIEW

The GridCore™ Composite Utility Poles from MacLean Power Systems are engineered to enhance grid resilience and reliability as a superior alternative to traditional wood, steel, or concrete poles used in electric power distribution. Manufactured from advanced fiber reinforced polymer (FRP) composites, these poles provide exceptional durability, reduced maintenance requirements, and an extended service life. Their lightweight construction enables safer, faster installation while delivering a robust and cost-effective solution for modern utility infrastructure.

KEY FEATURES

- **Long Service Life:** Expected lifespan of up to 80 years, significantly longer than traditional wood poles
- **Lightweight Design:** Easier handling and installation using lighter-duty equipment, reducing strain on crews and machinery
- **Corrosion and Pest Resistant:** Not susceptible to woodpeckers, insects, or environmental degradation
- **One-Piece Composite Construction:** Pultruded, uniform-diameter pole design eliminates field assembly and improves consistency
- **Low Maintenance:** Requires only visual inspections and allows for simple on-site repair of superficial damage

TECHNICAL HIGHLIGHTS

- Composite alternative to wood, steel, and concrete poles
- Supports grid resilience and reliability
- Uniform engineered material for consistent performance

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



FRP POLE SECTION PROPERTIES

GRIDCORE FRP POLE SECTIONAL PROPERTIES	GRIDCORE FRP POLE ^a 14.0 x 0.5 in	GRIDCORE FRP POLE ^a 14.0 x 0.75 in
Nominal Fiber Stress, F^b (psi)	45000	45000
NESC Construction ^b	Grade B	Grade B
Strength Factor, Φ^b	1.0	1.0
Modulus of Elasticity E (10^6 psi)	5.00	5.63
Density (lb/ft ³)	120	120
Outer Diameter (in)	14	14
Wall Thickness (in)	0.50	0.75
Inner Diameter (in)	13.00	12.50
Moment of Inertia, I (in ⁴)	484	687
Flex. Stiff., EI (lb-in ² 10 ⁶)	2419	3870
Section Modulus, S (in ³)	69.10	98.20
Allowable Moment., ΦFS (kip-ft)	259	368
Cross Section Area, A (in ²)	21	31
Weight (lb/ft)	17.70	26.00



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CORROSION PROTECTED RODS

OVERVIEW

The Corrosion Protected Rod is engineered for utility guying applications in challenging underground environments, including low resistivity, alkaline, and acidic soils with corrosive electrolyte conditions. The system features a coated anchor rod and plate assembly designed to support long-term performance and installation reliability. Utilizing the same installation procedure as standard cross plate anchors, the anchor is installed by auguring and angling a hole with a slot to position the assembly at the required guy angle.

KEY FEATURES

- **Enhanced Corrosion Protection:** Combines hot dip galvanizing with an additional Storm Greeter® corrosion-resistant coating system
- **Thread Protection System:** Includes fiber washer and cap nut to shield exposed threads from corrosion and environmental exposure
- **Field-Proven Design:** Utilizes the same trusted installation method as standard cross plate anchors

TECHNICAL HIGHLIGHTS

- Designed for use in low resistivity, alkaline, and acidic soil conditions
- Installation procedure mirrors standard cross plate anchor installation methods
- Engineered for long-term performance in corrosive underground environments

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



CORROSION PROTECTED RODS

CATALOG NUMBER	NO. OF GUY ATTACHMENTS	DIAMETER	LENGTH
D100CPR	-	1"	7 Ft.
J7328CPR	3	0.75"	8 Ft.
J7340CPR	3	1"	10 Ft.
J7428CPR	1	0.75"	8 Ft.



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RECLOSER BYPASS SWITCH

OVERVIEW

The MPS Recloser Bypass Switch featuring ERGO Switch™ blade technology allows utilities to safely bypass three-phase reclosers and other equipment while maintaining uninterrupted service to downstream customers. Fully assembled and factory adjusted for crossarm installation, the switch is designed to improve operational efficiency, enhance safety, and support reliable field performance.

KEY FEATURES

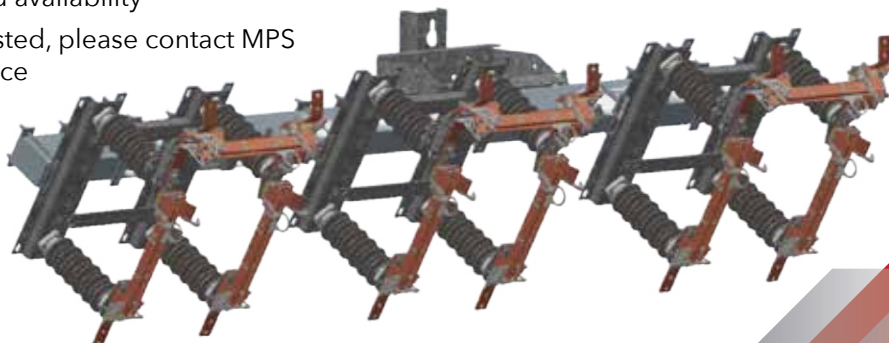
- **Bypass Operation:** Eliminates the need for outages during recloser and equipment maintenance
- **ERGO Switch™ Blade Technology:** Engineered for easier, safer lineman operation
- **Ready-to-Install Design:** Fully assembled and factory adjusted for simplified installation
- **Personnel & Equipment Protection:** Supports safer maintenance procedures and system reliability
- **Reliable U.S.-Made Construction:** Built for long-term field performance
- **IEEE Tested Performance:** Fully tested to IEEE C37.30.1-2022 standards

TECHNICAL HIGHLIGHTS

- 15 kV, 25 kV, and 35 kV voltage classes available
- 110 kV, 150 kV, and 200 kV BIL ratings
- 900 Amp continuous current rating
- 40 kA rms momentary rating, 10 cycles
- 25 kA rms short-time rating, 3 seconds
- Designed for uninterrupted service during maintenance operations

ORDERING & AVAILABILITY

- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



RECLOSER BYPASS SELECTION GUIDE 15.5kV - 38.0kV:

R B 2 9 S X F R 4 5 C

Base Configuration:

RB = Galvanized
RBT = TDG

Voltage Class:

1 = 15.5kV
2 = 25.8kV
3 = 38.0kV

Current:

9 = 900A

Interrupting Type:

X = None

Insulator Type:

S = Polymer
P = Porecelain
+1 Voltage Class

Crossarm Type

A = Aluminum
F = Fiberglass
S = Steel
X = No Xarm
1 = Single Phase

Mounting:

R = Riser

Angle:

30° = 30
45° = 45
60° = 60

Phase Configuration:

C = Centered
R = Two Phases Right
L = Two Phases Left



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ZFORCE™ **DISTRIBUTION ARRESTERS**

OVERVIEW

MPS Zforce™ Distribution Arresters are designed to protect electrical distribution systems from damaging overvoltage events caused by lightning strikes, switching operations, and equipment faults. Featuring a durable polymer molded body, these arresters provide reliable surge protection for a wide range of utility applications.

KEY FEATURES

- **Proprietary HTV Silicone Rubber Housing:** Utilizes MPS's long-trusted proprietary silicone formulation, proven through more than 40 years of use on polymer transmission insulators.
- **Composite Reinforced Core:** Provides added mechanical strength and durability.
- **Zero Air Interface Design:** Enhances insulation performance and system protection.
- **Integrated Ground Lead Disconnect:** Improves safety and system functionality.
- **Molded Nameplate & Insulating Bracket:** Designed for durability and ease of installation.
- **Legacy Design Compatibility:** No change in form, fit, function, dimensions, mounting brackets, or electrical ratings. Existing part numbers remain unchanged.

TECHNICAL HIGHLIGHTS

- Available in multiple configurations including:
 - Normal Duty (ZNP)
 - Heavy Duty (ZHP)
 - Riser Pole (ZRP)
 - Elbow Arresters (ZE)
- Manufactured in York, South Carolina using domestic inventory
- Designed with Metal Oxide Varistor (MOV) blocks for dependable surge protection performance

ORDERING & AVAILABILITY

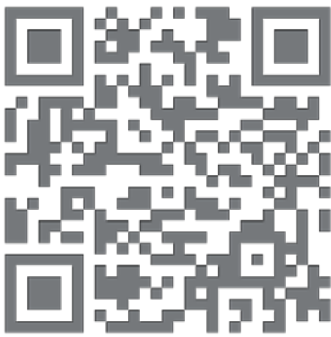
- Refer to MPS website for detailed product information and availability
- For items not listed, please contact MPS Customer Service



ZHP PHYSICAL DATA

CATALOG NUMBER	CREEPAGE (IN)	STRIKE (IN)	A (IN)	B (IN)	C (IN)	DIAMETER (IN)	WEIGHT (LBS)	BRACKET CREEPAGE (IN)	E (IN)	F (IN)	G (IN)
ZHP003-0000000	7.96	5.47	6.52	4.30	5.40	3.93	2.3	4.60	1.875	2.70	1.312
ZHP006-0000000	11.94	6.02	7.66	4.30	6.54	3.93	3.0	4.60	1.875	2.70	1.312
ZHP009-0000000	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	1.875	2.70	1.312
ZHP010-0000000	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	1.875	2.70	1.312
ZHP010-0000100	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	1.875	2.70	1.312
ZHP010-0C00100	15.92	7.76	8.80	4.30	7.68	3.93	3.6	4.60	1.875	2.70	1.312
ZHP012-0000000	18.28	8.21	9.14	4.30	8.02	3.93	3.7	4.60	1.875	2.70	1.312
ZHP015-0000000	19.90	8.91	9.94	4.30	8.82	3.93	4.2	4.60	1.875	2.70	1.312
ZHP018-0000000	24.24	10.01	11.09	4.30	10.02	3.93	4.9	9.16	2.13	2.95	1.656
ZHP018-0000100	24.24	10.01	11.09	4.30	10.02	5.43	4.9	9.16	2.13	2.95	1.656
ZHP018-0C00100	24.24	10.01	11.09	4.30	10.02	5.43	4.9	9.16	2.13	2.95	1.656
ZHP021-0000000	27.87	11.40	12.23	4.30	11.16	5.43	5.9	9.16	2.13	2.95	1.656
ZHP024-0000000	31.85	12.54	13.37	4.30	12.30	5.43	6.5	9.16	2.13	2.95	1.656
ZHP027-0000000	35.83	13.69	14.51	4.30	13.44	5.43	7.1	9.16	2.13	2.95	1.656
ZHP030-0000000	39.92	14.52	15.66	4.30	14.59	5.43	7.8	9.16	2.13	2.95	1.656
ZHP036-0000000	43.90	15.51	16.78	4.30	15.71	5.43	8.4	9.16	2.13	2.95	1.656

MORE PRODUCT OFFERINGS AVAILABLE ON MPS WEBSITE



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At MacLean Power Systems, we are setting the pace for what's next in utility infrastructure - with innovation, speed, and resilience at the core of everything we do.

American-Made. We deliver fast turnarounds, uncompromising quality, and the kind of strategic reliability the grid demands. Built here. Built right.

We move at the speed of innovation - turning ideas into field-ready solutions faster than ever. And our products are designed with linemen in mind: easy to spec, quick to install, and built to perform in the toughest conditions.

From engineering expertise to post-install support, MPS is more than a manufacturer - we're a partner you can count on, start to finish.

MacLean Power Systems. Built for resilience. Engineered for progress.