



Apr/May 2024

HV JUICE

ALL YOUR LV JOINTING SOLUTIONS LIVE & DE-ENERGISED

PAGE 6



AUTHORISED DISTRIBUTOR



11KV POST INSULATOR WITH 400MM CREEPAGE

STOCKING UP JUST GOT BETTER

SHARPEST PRICE & ALWAYS IN STOCK!

FEATURES

- 400mm nominal creepage
- Solid and puncture proof post style
- Includes double helix spring washer, square flat washer and locking nuts

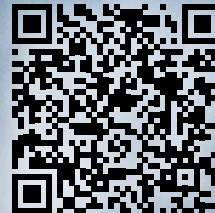


Cat No. EN1597-000

Description: 11KV PORCELAIN TIE TOP INSULATOR C/W M20 STUD



VIEW THE FULL SPECS ON OUR WEBSITE



V-LOK STAY TIGHT NUTS FOR ANY APPLICATION

SICK OF YOUR INSULATORS ENDING UP LIKE THIS?



BENEFITS:

- Improved reliability (SAIDI, SAIFI), resilience, & public safety
- Reduced energy losses due to bad connections
- Reduced likelihood of bush fires
- Significant cost savings on maintenance and preventable faults
- Reusable
- Tested to NAS 3350 (maximum vibration) and DIN 65151 (change in axial force)
- Designed to be used in place of standard nuts
- No need for special tools – fast and cost effective
- Can be used in both electrical and mechanical connections



STAY TIGHT V-LOK NUTS

WITH PATENTED ANTI-LOOSENING THREAD

Cat No.	Size / Thread	MOQ / Pack
V-LOKNUTM10 *	M10, 1.5p	1 / 100
V-LOKNUTM12 *	M12, 1.75p	1 / 100
V-LOKNUTM16 *	M16, 2.0p	1 / 100
V-LOKNUTM20HDG	M20, 2.5p	1 / 100
V-LOKNUTM24HDG	M24, 3.0p	1 / 100

*Add suffix **HDG** for hot dipped galvanised or **316SS** for 316 Stainless Steel

V-LOK prevents bolts and nuts from loosening due to mechanical impact or vibrations, including Aeolian vibrations, thermal expansion due to thermal load cycling, overheating of joints, expansion due to corrosion etc. Perfect for steel support structures, crossarm braces, insulator pins, suspension clamps and more.



STANDARD



FEATURES

- 40 cal/cm² ATPV Rating
- 88/12 Premium Indura Cotton Blend
- Hook & Loop enclosure
- Dual expansive back panelling
- 32" long jacket, 32" inseam overalls
- Standard or lift front clear hood options
- Meets current ASTM F1506 and NFPA 70E standards



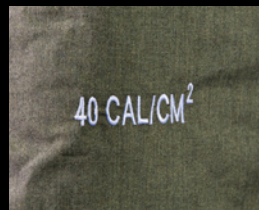
AFW40-KJB

PREMIUM



FEATURES

- 40 cal/cm² ATPV Rating
- **Approximately 50% lighter fabric weight than standard 40 calorie garment**
- 2 layers – 5 oz/yd² & 6 oz/yd²- Sewn with Nomex® thread
- 32" long jacket, 32" inseam overalls
- Standard or lift front clear hood options
- Hook & Loop enclosure
- Dual expansive back panelling
- Meets current ASTM F1506 and NFPA 70E standards



AFW40LF-NFJB

HOOD OPTIONS

SWITCHGEAR HOOD

AFW40SGH-NF



FEATURES

- Premium Clear HT Lens
- Standard switchgear style

LIFT FRONT HOOD

AFW40LF-NF



FEATURES

- Extended Peripheral vision
- Permanent Anti Fog Visor
- Highly Transparent Visor
- Lift Front Design - easy access



Advanced Colour Differentiation Technology



Made in the USA



CONTACT ONE OF OUR DEDICATED SAFETY PRODUCTS TEAM FOR ALL YOUR PPE AND GENERAL SAFETY PRODUCTS

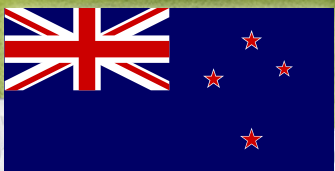


Little Giant[®] Ladder Systems

Good price,
great quality, and
being **tested and
repaired in New
Zealand** means
you're not throwing
them in landfill -
**save money and
the environment!**



MADE IN THE
USA



FULLY CUSTOMISED
& REPAIRED IN NZ

STRONGER! SAFER! CHEAPER!

Chain or Web
Strap Head
Options



Inbuilt Level For
Correct Incline
Every Time



No More Jammed
Fingers With
Wide Gaps



Rope At Side
Won't Get
Tangled In Your
Feet



Wide Rungs, No
More Sore Feet



Never Step Off Too
Soon With Audible
Ground Cue



FIND OUT MORE
ABOUT HYPERLITE



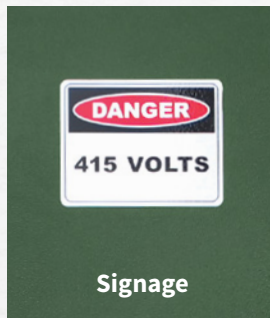
CUSTOMISE & POPULATE BEFORE DISPATCH

CUSTOMISATIONS

- Custom sizes available (on request, some conditions may apply)
- Locking mechanism of your choice can be included
- Custom branding including safety warning labels, Network asset numbers and identification labels can be installed prior to delivery
- Available standard as empty cabinets, inclusions must be confirmed at time of order

KEY FEATURES

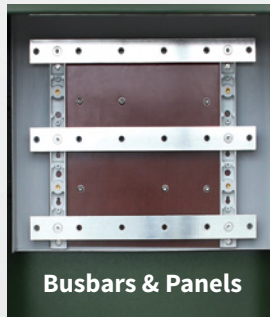
- Made from 2.5mm marine grade alloy powder coated with a rippled industry standard green coating
- Hinged door earthed to main cabinet
- Can be installed freestanding or recessed into walls/fences
- Removable lower front sill allows for easy access to cable installation area
- Hot dip galvanised underground base
- Three sizes in stock as standard:
 - EPA300 - 300x870x265mm
 - EPA500 - 500x880x330mm
 - EPA700 - 700x880x330mm



Signage



Locks & Security



Busbars & Panels



Switchgear



NOTE: Images show different variations of component inclusions and are not intended as realistic examples of the exact product supplied. All cabinets are populated to customers specific requirements at time of order. Contact our customer service team for more information.

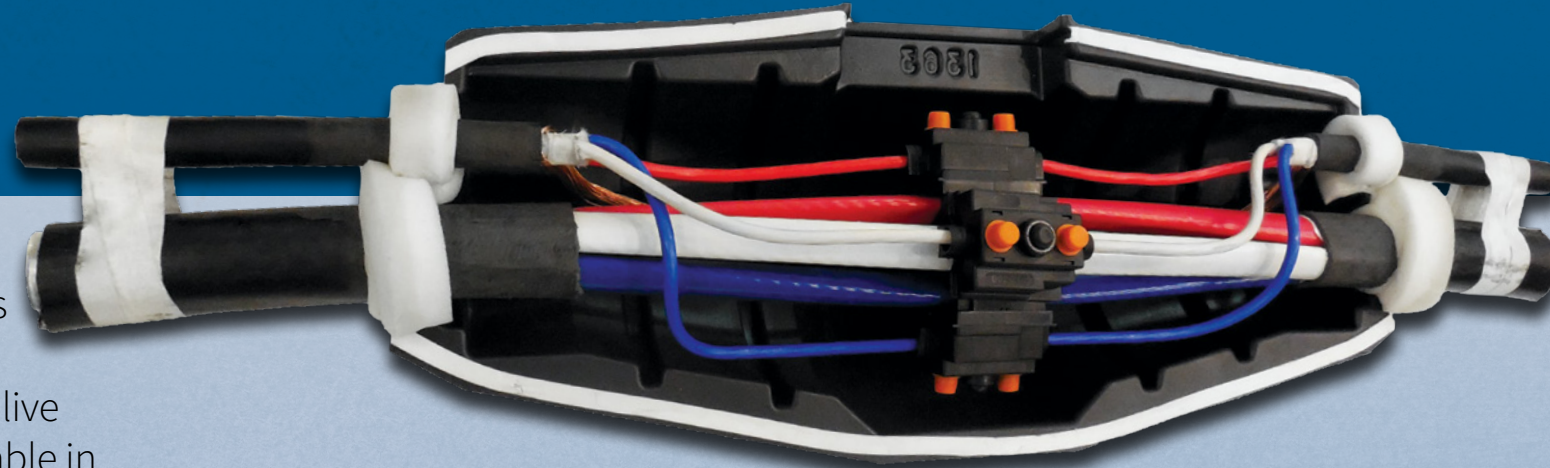




DE-ENERGISED OR LIVE APPLICATIONS - WE HAVE THE PRODUCT TO DO THE JOB SAFELY



LVSB LV SERVICE BRANCH JOINTS



TE Connectivity (TE)'s Raychem LVSB range of joints offers a level of safety and protection to the installer for live installations that is not available in other joint styles.

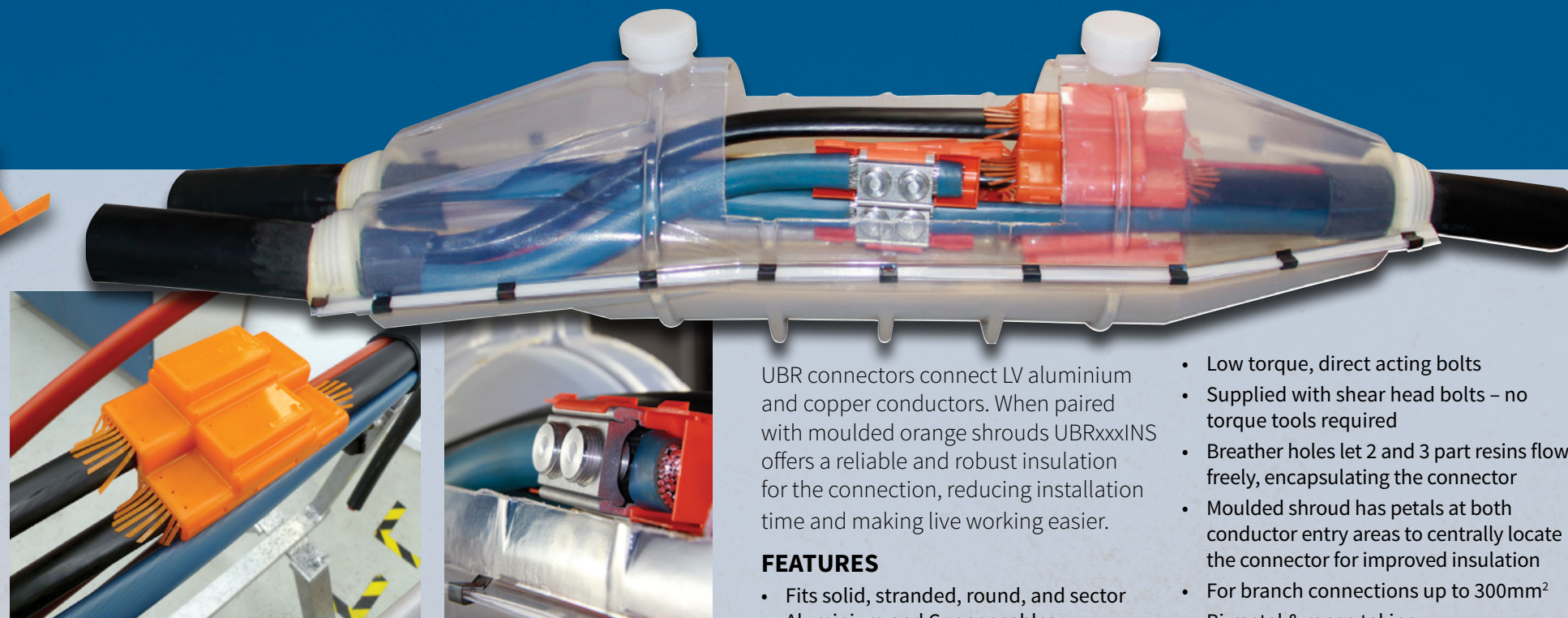
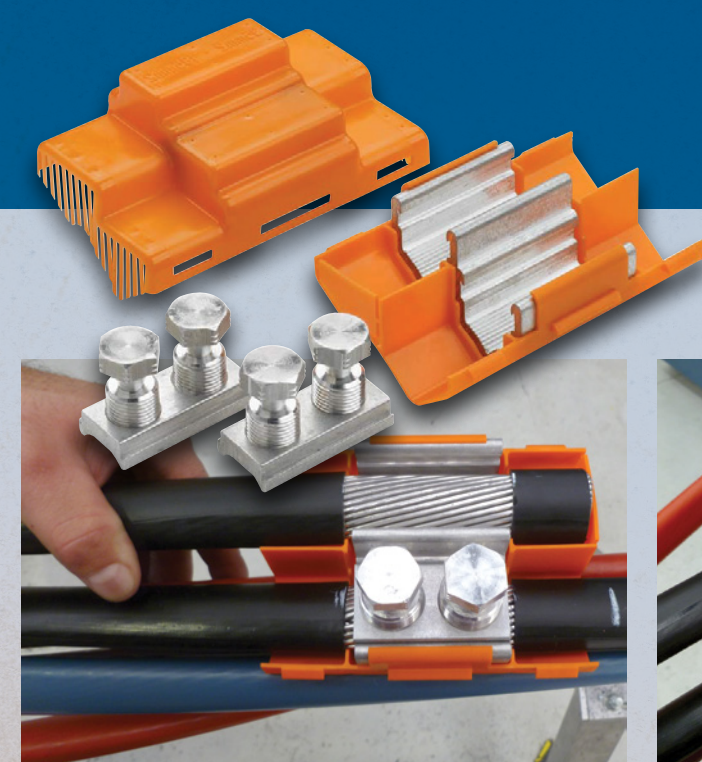
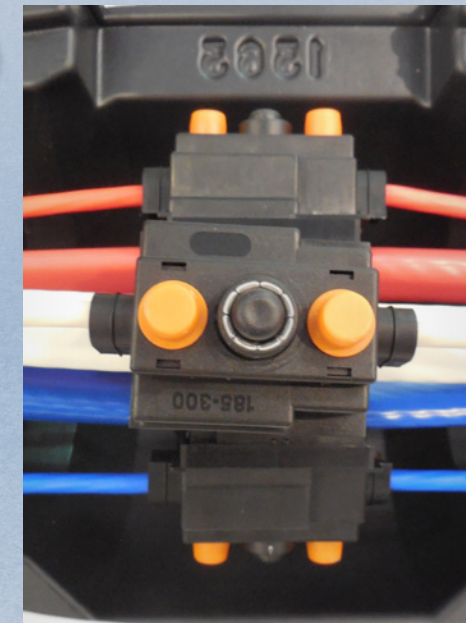
Standard breach connectors available in NZ expose installers to the risk of arc flash incidents from working on more than one conductor at a time. **ELIMINATE POTENTIAL HAZARDS FOR INSTALLERS.**

FEATURES & BENEFITS

- Fully shrouded connector body
- Two entry ports for service cables
- Maximum two service cables, up to 35mm² Copper or Aluminium
- Made to requirements of IEC 61238-1
- No need to strip main cable
- No exposed metal work during installation
- Shear head bolts - no need for torque tools
- IPC - guarantees connection integrity
- Safer - can be installed under load
- Each phase is connected independently of the others to ensure worker safety
- Two kits cover main cable 70-300mm²

Cat No.	Cable Type	Main	Tail
LVSB-M1	4 Core XLPE	70-185	10-35
LVSB-M2		185-300	10-35

CONTACT US TO ORDER



TBJ LV MAINS BRANCH JOINTS

STANDARDS

Individual components have been tested to the following standards: IEC 61238-1, CENELEC HD623, ISO 527, CENELEC HD 631.1H2. Tests reports available on request.

Cat No.	Conductor Size (mm ²)		Cable Entry Dia. (mm)	
	4C Main Cable	4C Branch Cable	Min	Max
TBJ-1	70-150	70-150	35	67
TBJ-2	185-240	185-240	48	70
TBJ-3	300-300	300-300	70	77

UBR connectors connect LV aluminium and copper conductors. When paired with moulded orange shrouds UBRxxxINS offers a reliable and robust insulation for the connection, reducing installation time and making live working easier.

FEATURES

- Fits solid, stranded, round, and sector Aluminium and Copper cables

- Low torque, direct acting bolts
- Supplied with shear head bolts - no torque tools required
- Breather holes let 2 and 3 part resins flow freely, encapsulating the connector
- Moulded shroud has petals at both conductor entry areas to centrally locate the connector for improved insulation
- For branch connections up to 300mm²
- Bi-metal & range taking

CONTACT US TO ORDER

GET THEM WHILE THEY'RE STILL IN ORBIT



**BUSSMANN 120EFMA SERIES
11KV OIL FUSES**

IN STOCK

**PRICES
THAT
ARE OUT
OF THIS
WORLD
YOU WON'T BE
DISAPPOINTED**



**Over 1,000,000
Bussmann series
branded fuse links
have been put into
service without a single
reported case of oil ingress.**

Bussmann series oil tight fuse links are designed for use in oil filled switchgear. They have been in continuous manufacture for almost 40 years, being by far the most widely used device of its kind in the world.

FEATURES

- A unique triple seal system ensures against long term seal deterioration
- Low power dissipation ensures long running in oil filled switchgear
- Fuse Links comply with IEC 60282-1, BS 2692-1 and ESI standard 12-8
- Range: 3.6kV to 24kV
- Fitted with powerful pyrotechnic striker pin

CONTACT US TO ORDER

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FLASH OVER PROTECTION

14CAL/CM²
& 28CAL/CM²
RATED

RETRACTABLE FACE SHIELD READY TO BE USED AT A MOMENT'S NOTICE

FEATURES

- Clear/light smoke tint for easy colour determination
- Premium permanent anti-fog coating
- Helmet usable until -40°C
- Superior scratch resistance
- Improved peripheral vision

ARC PROTECTION CLASSIFICATION

- ASTM F2178: ATPV= 14 cal/cm² / 28 cal/cm²

DURABILITY

- 4 years

COLOUR REPRODUCTION INDEX / OPTICAL CLASS

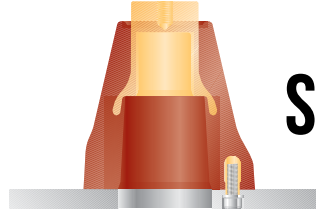
- > 93% / Class 1

CAT No. 7406401 14 Cal/cm²

CAT No. 7406501 28 Cal/cm²



RPIT PLUG-IN TERMINATION SYSTEM FOR GAS INSULATED SWITCHGEAR UP TO 42KV



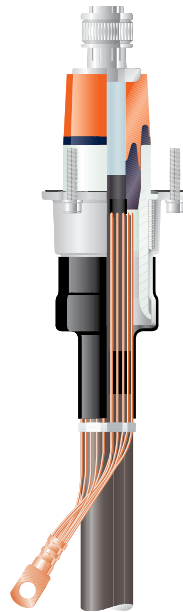
The increasing popularity of gas insulated switchgear called for more appropriate connection systems for standardised bushings in accordance with EN 50181. The Raychem Plug-In Terminations (RPIT) separable connectors range has been developed to fill this need.

The inner cone termination incorporates a high-quality contact system which ensures reliable current transmission from the cable conductor to the busbar. The electrical interfaces between the silicone stress relief cone to the cable and the bushing are kept permanently sealed using a pressure component. This element is housed in the protection cover, which is sealed with heat-shrinkable tubing.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

FEATURES

- Extension of current application to cover 800 and 1000mm² cable up to 42 kV with size 3 bushing
- Separable inline connection for high current, gas insulated switchgear and transformers up to 42kV
- Termination mates interfaces in accordance with EN 50180 (and EN 50181 for inner cone connections)
- Optional voltage detection point
- Contact parts are designed for stranded circular Aluminium or Copper conductors in accordance with IEC 60228
- Metal-enclosed, hermetically insulated and suitable for outdoor use
- Special designs for wind power stations and offshore applications with bronze protection cover
- Full line of other RPIT accessories available including bushings, insulating caps, and current testing tools



**NEW RPIT
FOR SIZE 3
UP TO
1000MM²**

RPIT
installation
tool available
to hire.
Contact us
for more info.



Cat No.	Size	Nominal Current (A)	System Voltage (kV)	Cross Section (mm ²)	Dia. over Conductor (mm)	Dia. over Insulation (mm)
RPIT-33XX			12	240-1000	17.0-40.0	26.0-58.8
RPIT-53XX	3	1250	24	150-1000	13.0-40.0	26.0-58.8
RPIT-63XX			36/42	70-1000	7.6-40.0	26.0-58.8

TE's Raychem RPIT are available with and without voltage detection up to 42kV 630mm². For over insulation diameters greater than 50mm, RPIT voltage detection is not available.



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QUICK GRAB FUSE PULLER ATTACHMENT

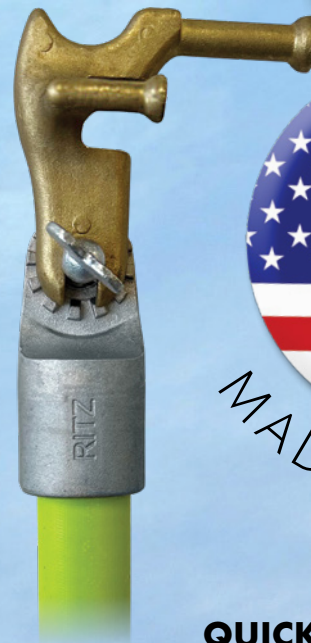


MAKE REMOVING DDO STYLE FUSES FROM THE GROUND ON EXTENSION STICKS QUICKER, EASIER, AND SAFER

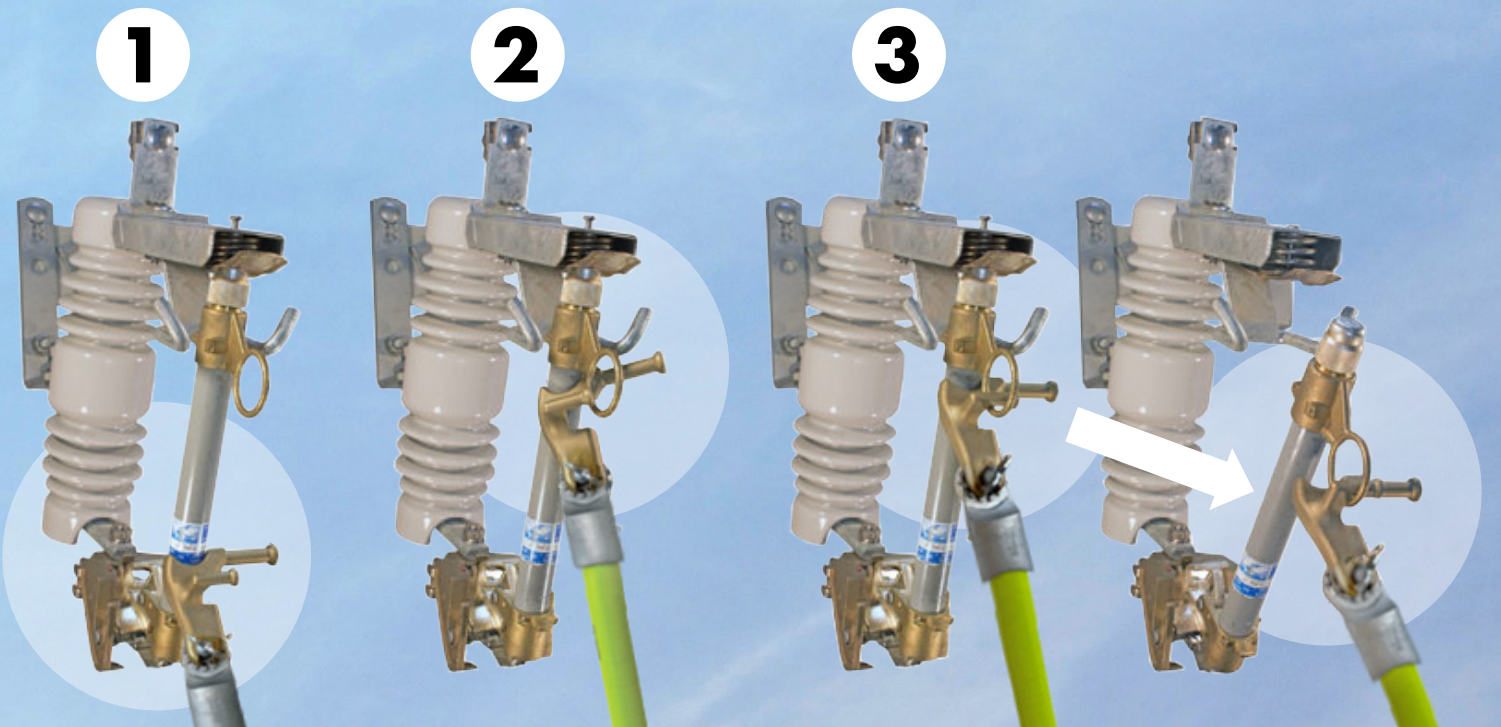
The Quick Grab Fuse Puller is a spline-end attachment that quickly opens most any DDO style fuse barrel//solid link. The unique dual-probe design uses an arched head to slide against the fuse barrel to allow the pull-ring to be easily connected.

SIMPLY

1. Lay the arched shaped head against the barrel
2. Slide up and rotate the top probe inside the pull ring
3. PULL!



**Cat No. QGFP
QUICK GRAB FUSE PULLER**



REDUCE, REUSE, RE-CERTIFY

Our Latest Sustainability News



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