

PROCONNECT

La connectique professionnelle



**24kV LOADBREAK ELBOW
CONNECTOR**

FEATURES

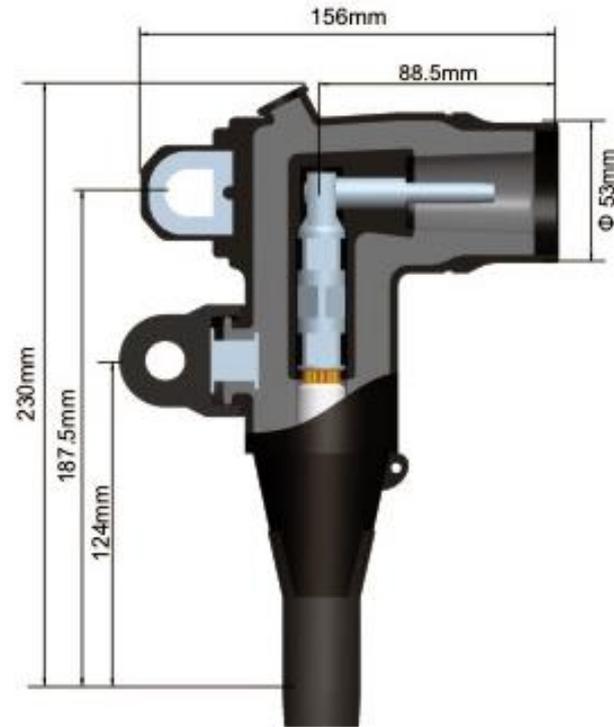


- For connection of polymeric cable to transformers, switchgear, motors, photovoltaic panels field, and other equipment with a premoulded separable connector.
- For indoor and outdoor installations.
- Mounting can be vertical, horizontal, or any angle in between.
- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug.

FEATURES

- System voltage up to 24 kV
- Continuous current 250 A (300 A overload for 8 hours)
- Built-in capacitive test point to determine the circuit status or install a fault indicator
- No minimum phase clearance requirements
- Cable particulars:
 - ✓ Polymeric cable (XLPE, EPR, etc.)
 - ✓ Copper or aluminum conductors
 - ✓ Semiconducting or metallic screens
 - ✓ Conductor size 25~120 mm²

STANDARDS:
GB/T 12706.4-2002
IEC 60502.4-2005



RATING OVERVIEWS

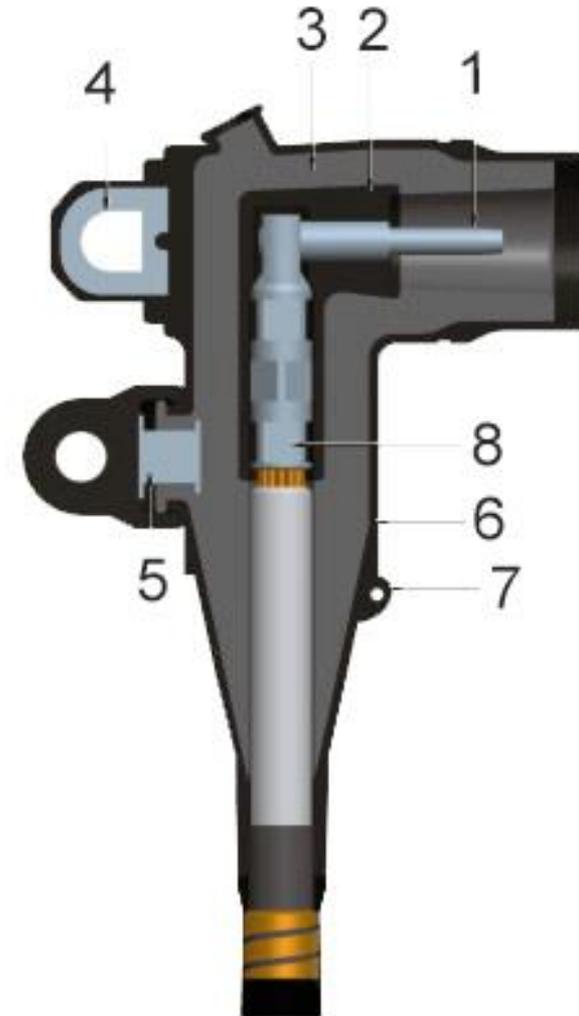


Description	Parameters
Maximum insulation voltage	24 kV
Maximum impulse voltage	125 kV
AC withstand voltage, 5min	54 kV
Continuous operating current	250 A
Overload (8hours max.)	300 A
Short circuit withstand	12.5kA/1sec.

DESCRIPTION



1. **CONDUCTING ROD** : Tin-plated copper pin to be screwed into the conductor cable lug with the supplied hex key.
2. **SEMI-CONDUCTIVE INSERT** : Moulded EPDM conducting rubber screen controls electrical stress.
3. **INSULATION** : Moulded EPDM insulating rubber formulated to ensure high quality.
4. **PULLING EYE** : Encapsulated stainless steel pulling eye for disconnection and for locking the connector.
5. **CAPACITIVE TEST POINT** : Capacitive test point provides means to check circuit status. A moulded EPDM conducting rubber cap provides a watertight seal.
6. **SEMI-CONDUCTIVE SHIELD** : Moulded EPDM conducting rubber mates with the cable screen to maintain screen continuity and ensure that the assembly is at earth potential.
7. **GROUNDING EYE** : Moulded into the external screen for connection of an earthing wire.
8. **CONDUCTOR CABLE LUG** : Inertia welded bimetallic compression connector accepts copper or aluminum conductors.



INSTALLATION



- Without any special tools.
- When finish the installation of elbow connector ,the power can be supply directly.
- Can be used together with the bushing ,cable connector and junction which meet the requirement EN50180/EN50181 DIN47636/HN52-S-61.

STANDARD PACKING



- Elbow connector
- Copper or Aluminium Conductor cable lug
- Loadbreak Probe
- Steel Installation Tool to screw contact into cable lug
- Cleaning Paper
- Silicone Lubricant
- Installation Instruction Sheet

REFERENCES



Section (mm ²)	Copper cable lug	Aluminium cable lug
25	MVP250A25U	MVP250A25A
35	MVP250A35U	MVP250A35A
50	MVP250A50U	MVP250A50A
70	MVP250A70U	MVP250A70A
95	MVP250A95U	MVP250A95A
120	MVP250A12U	MVP250A12A



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