

Medium Voltage Junction Box 7,2 kV/12kV

The Medium Voltage Junction Box is a normalized structure suitable for junction and derivation of M.V. cables with a rated voltage of up to 36 Kv.

- Designed to better respond to severe mechanical stress
- Manufactured for outdoor or tunnel installations;
- Safe for personnel and operation, with protection from contact with live parts;
- Free-standing and ready for use.

Reference standards

International standard

IEC 62271-200

Italian standard

CEI 17-6; CEI EN 62271-200

Main Electrical Features

	7,2 kV	12 kV
Rated voltage	7,2 kV	12 kV
Withstand voltage at 50 Hz (1 min)	20 kV	28 kV
Rated impulse voltage	60 kV	75 kV
Rated frequency	50-60 Hz	50-60 Hz
Main busbar/cables rated current	630 A	630 A

Features of Construction

Incoming cables	Lateral with cable clamp cover/gland/MCT
Outgoing cables	Lateral with cable clamp cover/gland/MCT
Accessibility	Front
Anchorage	Wall



Features of Construction

Service and environmental conditions

External protection degree	Up to IP 66
Opened doors protection degree	IP 00
Type of installation	Outdoor/ indoor
Maximum ambient temperature	+ 45° C
Minimum ambient temperature	- 5 ° C



Medium Voltage Junction Box 24 kV/36kV

The Medium Voltage Junction Box is a normalized structure suitable for junction and derivation of M.V. cables with a rated voltage of up to 36 Kv.

- Designed to better respond to severe mechanical stress
- Manufactured for outdoor or tunnel installations;
- Safe for personnel and operation, with protection from contact with live parts;
- Free-standing and ready for use.

Reference standards

International standard

IEC 62271-200

Italian standard

CEI 17-6; CEI EN 62271-200

Main Electrical Features

	24 kV	36 kV
Rated voltage	24 kV	36 kV
Withstand voltage at 50 Hz (1 min)	50 kV	70 kV
Rated impulse voltage	125 kV	145 kV
Rated frequency	50-60 Hz	50-60 Hz
Main busbar/cables rated current	630 A	630 A

Features of Construction

Incoming cables	Lateral with cable clamp cover/gland/MCT
Outgoing cables	Lateral with cable clamp cover/gland/MCT
Accessibility	Front
Anchorage	Wall



Features of Construction

Service and environmental conditions

External protection degree	Up to IP 66
Opened doors protection degree	IP 00
Type of installation	Outdoor/ indoor
Maximum ambient temperature	+ 45° C
Minimum ambient temperature	- 5 ° C

