

Insulation Piercing Connector (IPC)

IPCs are applicable for all types of LV-ABC conductors as well as connections in service line system, building electrical system and street lighting system. Installation of IPC can be easily done by tightening the bolts to force the teeth penetrate the insulation of main line and tap line simultaneously.

Stripping of insulation is avoided for both lines.

Specifications

- Main line: Insulated aluminium cable, Tap line: aluminium or copper cable
- Body is moulded from High Strength and weather resistant materials
- Special designed shear head bolt allows efficient installation under controlled shear torque which ensures the contact teeth properly penetrate the conductor without damaging the mechanical strength of the conductor
- Tested for High Voltage test of 6kV for 1min underwater
- Safe live-line installation
- Seals and grease are applied to prevent moisture entering the cable and connector which guarantees excellent waterproof and corrosion resistant performance
- End cap is attached to the body. No loose parts could fall to ground during installation
- Standard: EN 50483-4, NFC 33-020



IPC for Insulated to Insulated application



IPC for Main to Main, Main to Distribution Box, Main to Service and Street Light applications

Designation →	IPC-001	IPC-002	IPC-003	IPC-004	IPC-005	IPC-006	IPC-007	IPC-008
Main Cable Range mm ²	16-95	16-95	16-95	50-150	50-150	150-300	150-300	150-300
Tap/Service Cable Range mm ²	1.5-16	4-50	16-95	4-50	50-150	4-10	50-150	150-300

Pre-insulated Connectors

CPTAU, Pre-insulated Bimetallic Lug : It is used to establish connection between ABC and electrical equipment.

MJPB, Pre-insulated Aluminium Ferrule (Non-tension) : The MJPB pre-insulated connector are designed for service and lighting cables.

MJPT, Pre-insulated Aluminium Ferrule (Non-tension) : It are designed for LV-ABC with a neutral messenger and is used on the phase conductor

MJPTN, PRE-INSULATED ALUMINIUM CONNECTOR (Under-tension) : It is designed for LV-ABC systems with a neutral messenger and is used on the Messenger which is made up of Aluminium Alloy. These are full tension connector (for taking mechanical load) and have more crimps for better mechanical strength.



CPTAU



MJPB / MJPT



MJPTN

ANCHORING CLAMP FOR INSULATED / BARE MESSENGER

The Anchoring clamps are used to anchor and tighten LV-ABC lines with insulated/Bare neutral messenger. These clamps are easy to install without tools and suitable for various climatic conditions.

Clamp body is casted of corrosion resistant aluminum alloy with high mechanical strength and bail is made of Stainless Steel. Wedges are made of weather resistant material. Insulated clamp body - optional.

Standard: NFC33-041, EN 50483-3 & *REC or IS standard for Bare / insulated.



ANCHORING CLAMP - Insulated			
	PA1000	PA1500	PA2000
Size Range	25-35	50-70	70-95



ANCHORING CLAMP ASSEMBLY - Insulated			
	EA1000	EA1500	EA2000
Size Range	25-35	50-70	70-95



ANCHORING CLAMP - Bare*			
	AC-B-01	AC-B-02	AC-B-03
Size Range	25-50	50-95	120-240

SUSPENSION CLAMP

Suspension clamps are used to hang LV-ABC cables on poles with the insulated/Bare neutral messenger.

- o Bracket is pre-installed. Easy cable installation without tools
- o The neutral messenger is placed in the groove and locked by an adjustable grip device to different cable sizes
- o The clamp and movable link is made from weather resistant and mechanically reliable insulated polymer
- o The anchoring bracket is made of corrosion resistant aluminum alloy
- o Al. Alloy body in case of clamp for bare messenger
- o No loose parts
- o Standard: NFC 33-040, EN 50483-3& *REC or IS standard for Bare / Insulated



SUSPENSION CLAMP - Insulated			
	PS1000	PS1500	PS2000
Size Range	25-35	50-70	70-95



SUSPENSION CLAMP ASSEMBLY - Insulated			
	ES1000	ES1500	ES2000
Size Range	25-35	50-70	70-95



SUSPENSION CLAMP - Bare*			
	SC-B-01	SC-B-02	SC-B-03
Size Range	25-50	50-95	120-240

PA/PAS, SERVICE ANCHORING CLAMP

The Service Anchoring clamp is designed to anchor service line with 2 or 4 service ABC conductors or LV Underground Cables.

- Clamp body is made of high mechanical strength and weather resistant insulation material
- Special designed clip is used to prevent the bail slipping from the body
- Tool free installation
- Standard: NFC33-042



SERVICE ANCHORING CLAMP		
FOR SERVICE ABC	PA25	PAS35
	mm ²	Cable ø
Size Range	10-25	10-30