

INSULATION PIERCING CONNECTOR

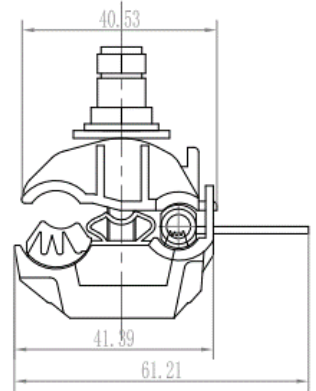
The insulation piercing connectors are applicable for all types of LV-ABC conductors as well as connections in service line system, building electrical system and street lighting system. Insulation piercing connectors can be easily installed by tightening the bolts to force the teeth to penetrate the insulation of main line and tap line simultaneously. Stripping of insulation is avoided for both lines.

Constructive features



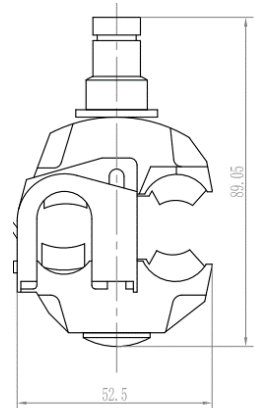
Q-569

Model	Conductor - Section		
	Main		Tap
QTK-IPC-EP	mm2	16 - 95	1.5 - 10
Torque	9±1 N		
Weight	55 g		
Nominal current	55 A		



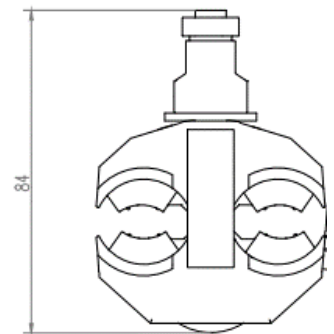
Q-634

Model	Conductor - Section		
	Main		Tap
QTK-IPC-2/95	mm2	16 - 95	4 - 35
Torque	13±1 N		
Weight	160 g		
Nominal current	157 A		



Q-635

Model	Conductor - Section		
	Main		Tap
QTK-IPC-3/95	mm2	25 - 95	25 - 95
Torque	17±1 N		
Weight	192 g		
Nominal current	214 A		



*Standard connectors are made with aluminum alloy teeth.

OPTIONS

- Add suffix TC for Tinned copper. Ex.: QTK-IPC-EP-TC.
- Add suffix TA for Tinned aluminum. Ex.: QTK-IPC-2/95-TA.
- Add suffix C for Copper. Ex.: QTK-IPC-EP-C

DESCRIPTION

These connectors are applicable for all types of LV- ABC conductors as well as connections in service line system, building electrical system and street lighting system.

- Main line: Insulated aluminum cable.
- Tap line: Insulated aluminum cable or Insulated copper cable.
- Body is molded from tough and weather resistant materials.
- Teeth are made either of aluminum, tin plated aluminum alloy or tin-plated copper.
- Special designed shear head bolt allows efficient installation under controlled shear torque which ensure the contact teeth properly penetrate the conductor without damaging the mechanical strength of the conductor.
- Tested for watertightness at the voltage of 6kV for 1min under water.
- 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.

