

Terminal Box for Distribution Point



CUSTOMIZATION

Your Logo on the box - at no extra cost.

Application

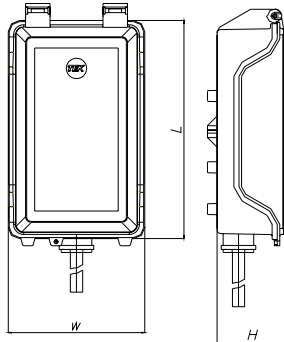
TEK introduces TX-DP series DP boxes with connector for termination of secondary telephone network to the subscriber drop or service line cable pairs.

The DP boxes can be used in Internal – wall mounting and External wall or pole mounting applications. Plug in Gas Discharge Tube (GDT) cartridge can be installed as optional for over voltage protection.

Features

- The Terminal connector employs IDC type contact, delivering a cold solder equivalent joint, the most reliable jointing technique used in telecom network.
- The connector can be re-entered repeatedly up to 300 times, without any significant loss of electrical continuity and mechanical rigidity.
- The disconnection type contact permits isolation of lines very easily.
- The connectors are available in 5 or 10 pairs.
- Protection modules with Gas Discharge Tube (GDT), gang or single type, can be installed by simply plugging in to the connector.
- Terminal connector can be snap fitted on to the stainless steel bracket, which acts as ground bar – no need for screws to mount.
- Connector specially designed to for distribution, has wire pair guides on either sides. Besides pair identification marks are printed on the connector.
- The box, which houses the connector, has a base and a lid is made of V0 Polycarbonate, offers excellent protection against harsh climatic conditions.
- The base fitted with seal, protection against rainwater and storm dust.
- The recessed shape of the base, offers convenience to the crafts person for easy termination of wires.
- Grommets are provided at the bottom of the base for cable wires and drop wires entry.
- Equipped with a lock, provides effective closing of the box. 2 versions are available, screwdriver and lock & key type. For safety lock with special key is extremely useful.
- Provisions for wall mounting are in-built in the box. Optional accessories are available for Pole mounting.

Dimensions:



	L	W	H
5P	140	94	70
10P	214	134	70
20P	214	134	70

Ordering Information.

Description	Part No.
5 Pair	TX-DP 035 05 00
10 Pair	TX-DP 035 10 00
20 pair	TX-DP 035 20 00

Technical Specification.

Connector:

Conductor range:	0.4 to 0.9 mm
Insulation diameter:	Max 1.7 mm.
Contact resistance:	< 2 $\mu\Omega$
After 300 terminations:	< 4 $\mu\Omega$
Insulation (Dry):	> 100,000 M Ω
Insulation (Humidity):	> 5,000 M Ω
Dielectric strength:	3000 V dc for 1 min.

Increase in Contact Resistance After Endurance Test:

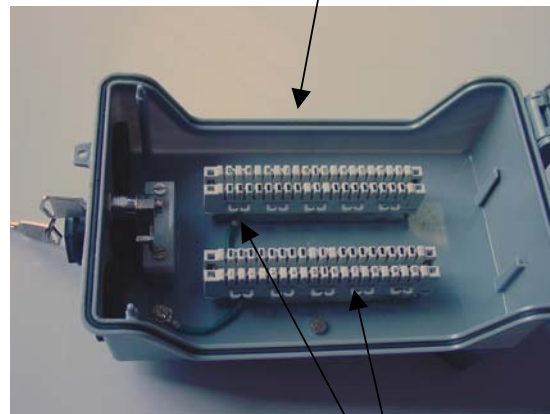
Vibration:	< 1 $\mu\Omega$
Humidity:	< 1 $\mu\Omega$
Salt Spray:	< 1 $\mu\Omega$

Materials:

Connector Body:	V0 grade PBT.
Contacts:	Phosphor bronze plated.
Box base & cover:	V0 grade Polycarbonate.
Box seal:	Neoprene.
Mounting screws:	Plated brass.

Useful Temp:	- 20° to 80° C
Storage Temp:	- 40° to 80° C.

Recessed base permits easy access for termination.



20 Pair DP Box

In-built guides allow easy organization of wire pairs.

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