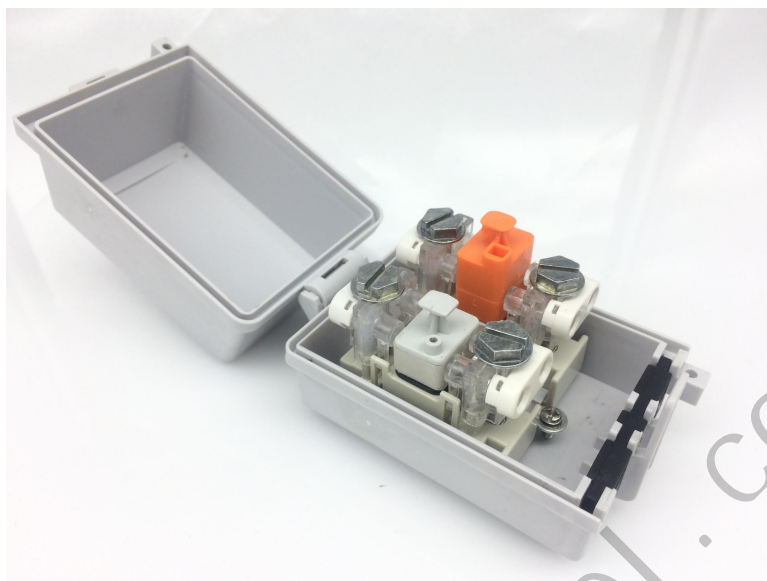


MT-3022 2 Pair Distribution Box



Details:

1. Name: 2 port distribution Box for STB module
2. Item No: MT-3022
3. Material: ABS body with steel rail
4. Dimension: 115×65×65mm
5. Capacity: 2 pair
6. Type: For STB module
7. Color: Grey
8. Weight: 134g
9. Package: 1pcs/box

Application:

The terminal block of connection adapts for connecting the distributive wires of external and internal padding. Its construction provides the possibility of conducting the control measurements of the connected chains before both directions. Box provides protection from the environmental effects.

The terminal block of connection consists of housing and cover of rectangular form, and also 5-polar unit of connection, fixed on the housing. Cover is fixed beyond the axis common with the housing; however, it can be isolated from the housing for guaranteeing the convenience in the work due to the squeezed conditions. The introduction of wires is accomplished through the detachable stuffing boxes, which ensure the possibility of applying the wires of different sizes. Fastening wires is accomplished by the metallic screws, located inside the unit of connection.

Technical characteristics:

Characteristics of the contact connection
Connector of the distributive wire

Range of the section: diameter 0,4... 1,2 mm

Diameter on the isolation: it is maximal 5 mm

The current-response characteristics: 20 A(10 A on each conductor) during not less than 10 min, without the deformation of the module

Insulation resistance *

“Dry” atmosphere: > 10¹² Ohm

“Moist” atmosphere (standard ASTM Of d618, procedure F): > 10¹²[Om]

Salt fog: (standard ASTM Of b117) > 10¹⁰ Ohm

Immersion beside the water: (15 days before 3% solution Of naCl) > 10¹⁰ 0[m]

The contact resistance

R of material + R of the contact cross connection + by R of the contact connection of the wires: < 10 m

Increase in the contact resistance

After climatic testings: <2,5 m

After 50 connections - turning offs: <2,5 m

Dielectric strength: >3 kV of direct current during 1 minute

Mechanical characteristics

Screw of the connection of the distributive wire/conductor of the pair Special alloy Of zamac, [passivirovanny], with the paint and varnish coat

Housing of the unit of the connection of the distributive wire: Transparent polycarbonate

Housing: Polycarbonate, glass-reinforced, resistance to fire “VO”

Fitted contacts: Timplated phosphor bronze

Contacts of the grounding: Alloy of SI - Zn - Ni - Ag

Contacts of the connection: Timplated solid bronze

Sealing material before the lower part: The epoxy resin

Sealing material before the upper cable part: Silicon compound

Cover of the pair/of the distributive wire: Polycarbonate

Housing of the insertable module: Polycarbonate, glass-reinforced, resistance to fire “VO”

Sealing material of the insertable module: Gel

The ring gasket: Elastomer EPDM

Cable laying is/the distributive wire: Thermoplastic rubber

Housing and the cover of the box: Polycarbonate, color RAL 7035

Unit of the grounding: Stainless steel

Stuffing box: Elastomer EPDM

Drop Wire Module STB (VX) Series



YH-5027 Without protector



YH-5028 With GDT



YH-5029 With PTC & GDT

Module Details:

- 1, Material: PBT or ABS (UL94V-0)
- 2, Contact: Phosphor Bronze
- 3, 5 pole connection
- 4, For Customer Wire (CW) and Drop Wire (DW) Connection
- 5, The plug can be with 3point protector (color red) and 5point protect (color orange), if without protection the color is grey
6. Available to install this drop wire module into STB Distribution box.
- 7, 100% test passed, arrester voltage usually for 230V, it can be on your requirement.

Description:

1pair STB Module without Protection Subscriber Connector Unit VX-SB

The STB module (1 pair drop wire connection module with protection) provide a connection point between an exchange-side cable pair and a distribution pair for telecommunication equipment. It incorporates a 5-point plug in module to provide continuity and a range of other options.

Removal of the plug-in module does not disturb wire connections but makes contacts to them available for testing of both sides of the telecommunication network.

The STB module (1 pair drop wire connection module with protection) is especially recommended for:

1. Outdoor connections where the environment conditions are extremely atrocious to protect telecommunication equipment and circuitry line.
2. Terminations where user development characteristics require future flexibility in terms of the type of protection or filtering capabilities. Offering box with capacity from 1pair to 20pair for application.

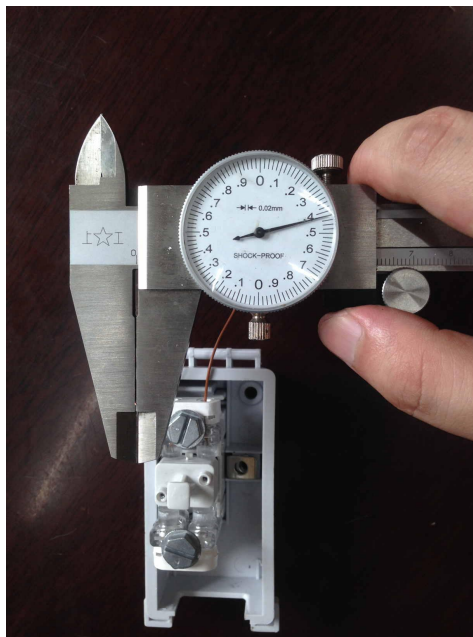
ORDERING INFORMATION

Item no. Description

Drop wire (STB) module without protection, Grey Plug

Drop wire (STB) module with GDT protection, Red Plug

Drop wire (STB) module with GDT and PTC protection, Orange Plug



Applications:

The subscriber connector unit is used for the connection of an outdoor to an indoor drop wire. It allows for circuit testing in both network directions. The box provides environmental protection. The product is specially recommended for aggressive environmental conditions, terminations where future requirements may include different types of protection.

Specifications:

Mechanical Performance	Plastic material: ABS&PBT(UL94V-0)
	Contact material: Phosphor Bronze.
	Surface Plating Silver(0.5um-5um)
	Earth bar: Phosphor Bronze. Surface Plating nickel
Environment Characteristic	Storage Temperature: 40 to 70°C
	Operating Temperature : 10 to 60°C
	Relative Humidity: 95%, non-condition
Electrical Performance	Insulation resistance: 1000 Mohms minimum
	Contact resistance :5 mohms maximum
	Dielectric intensity: 1200V DC 60s can't spark over and haven't fly arc

DP Box



1 Pair



2 Pair



4 Pair



10 Pair-1



10 Pair-2



20 Pair

Box Details:

1. Outdoor DP Box Plastic for STB Modules 2pairs
2. Material: PC, with steel rails.
3. Cable grommets for wire entry and exit is for waterproof.
4. For subscribe connector unit protection over voltage
5. With lock
6. Application: Outdoor or indoor

Description:

Material: PC, ABS, with steel rails.

Empty distribution box for 2pair drop wire module (STB module), offering good connection environment for telecommunication.

The similar DP box for telecommunication consists for 1pair, 2pair subscribe connector, 4pair STB module distribution, 10pair subscriber terminal box and 20pair subscriber termination box.

Application for replacing Tyco VX-SB subscribe connector unit terminal blocks, Connecting 1 pair module without protection, module with surge protection (gas-discharge instrument with surge protection to 230V) and module with overvoltage and overcurrent (overvoltage to 230V, and by two resistors PTC, which protect from the overcurrent).

The **subscriber connector termination box** consists of a rectangular box base with a cover and the connection module secured to the base. The top and base are hinged together, and the top is easily removable to

facilitate working in cramped conditions. The cable grommets for wire entry and exit may be adjusted to conductor size and are also removable. A metal screw is provided for grounding purposes.

The different function subscriber connector was definitely distinguished by the color .We can offer the other two types subscriber connectors for your selection:

The STB module with grey plug-in module is for without protection.

The STB module with orange plug-in module is for with protection both over voltage and over current, with both 3pole arrester and PTC inside.

Applications:

Subscriber Connector Unit VX-SB for telecom outside plant. The connection of an outdoor to an indoor drop wire. It allows for circuit testing in both network directions. The box provides environmental protection. For mounting to walls, wood, metal or concrete poled.

hofiber@melontel.com