

Mounting Bracket

PX-G01 SERIES



MOUNTING BRACKET
For 8 / 10 Pair Module
Material: Stainless Steel #304

Fig. 1

PX-G01-F18

Connection/Disconnection Module.
Mounting Rack for 2 sets
Size: 105x45x50mm

PX-G01-F19

Connection/Disconnection Module.
Mounting Rack for 3 sets
Size: 64x21x35mm

PX-G01-F20

Connection/Disconnection Module.
Mounting Rack for 3 sets
Size: 105x68.3x50mm

PX-G01-F20A

Connection/Disconnection Module.
Mounting Rack for 5 sets
Size: 105x111x50mm

PX-G01-F21

Connection/Disconnection Module.
Mounting Rack for 10 sets
Size: 105x248x50mm

PX-G01-F21A

Connection/Disconnection Module.
Mounting Rack for 15 sets.
Size: 105x356x50mm

PX-G01-F22

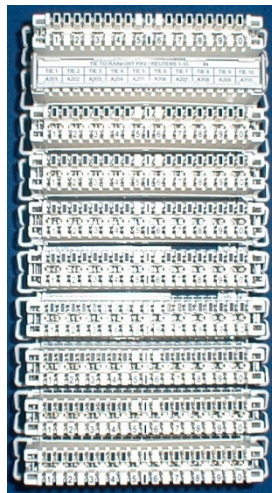
Connection/Disconnection Module.
Mounting Rack for 21 sets
Size: 105x490x69mm

PX-G01-F23

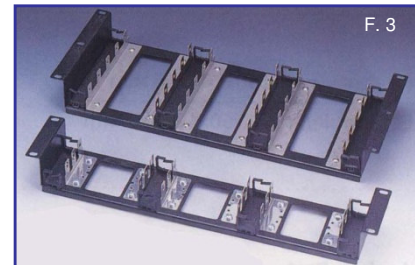
Connection/Disconnection Module.
Mounting Rack for 31 sets.
Size: 105x729x69mm

PX-G01-F23A

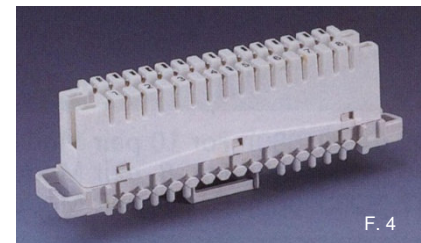
Connection/Disconnection Module.
Mounting Rack for 33 sets.
Size: 105x779x50mm



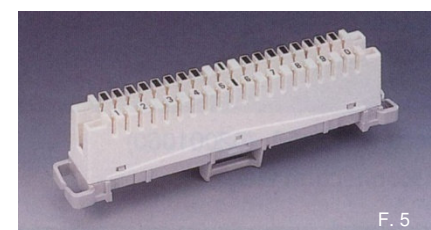
F. 2: Fully fitted 10 way back mount frame



19" Recessed Back mount Frame 10 pair & 8 pair

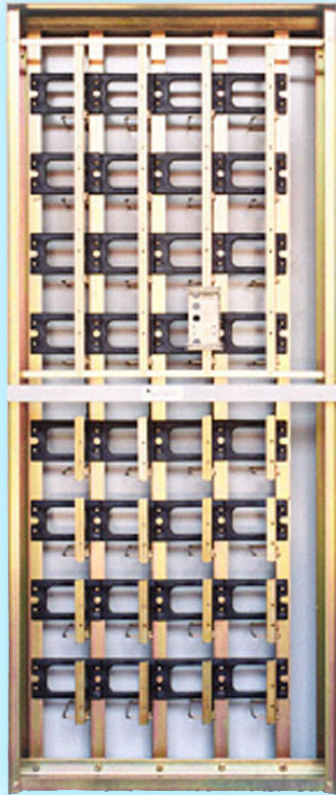


Dis-connecting Module, 8 Pairs Mounting
(103.2x21.3x39.3mm). Item No: F-09



Dis-connecting Module, 10 Pairs Mounting
(124x20.7x39.3mm). Item No: F-11

Twisted Pair 2 & 8 Mbit DDF



F. 1



F. 2

Typical specifications

Blocks Krone 8 way blocks

200mm h x 115mm w

Number of blocks 8 high=2050mm. Vertical Space between the blocks is 50mm.

Height of duct =100X100mm located at the bottom of the rack for Jumpers

Vertical consisting of 4 Blocks, at the top of the frame

Horizontal consisting of 4 Bottom blocks at the bottom of the frame

Jumpers via the duct at the bottom.

Cables entering either from the bottom or the top and through the back of the DDF holders

Capacity = 8X8X16 Pairs =1024 pairs at the vertical and similarly on the horizontal.

Maximum pair capacity is 2048 pairs.

Cabling:

Allows for 16 pair cables, maximum cables on each vertical will be 8 X4 =32 16 pair cables.

Maximum cables in this frame will be 32 X 4 =126 16 pair cables

In addition to this the requirement of jumper cable will also be there.

This is achieved from the front of the unit Jumpering from the vertical to the horizontal.

Vertical, This is the cabling that enters from the outside plant and terminate at the top 4 blocks in each row.

Horizontal. These cables run to the equipment and are allocated to the bottom 4 rows of the DDF.

Jumpers. These run from the top to the bottom or outside the rack via cable management guides or the troughing underneath the rack.

Outside cabling.

Able to enter the DDF from the bottom or the top of the rack. The open structure of the rack allows for this. Cables are tied to the rear cable tray of the rack. Access is obtained from the front of the rack.

Allocation of transmission direction.

Equipment in will be separated from equipment out. The 1st vertical is allocated as Eq In and the 2nd Eq out, the 3rd Eq in and finally the fourth Eq out.

This is to reduce the NEXT due to high and possibly low level signals being mixed.

Racks.

These can be combined either back to back or adjacent to each other to provide higher capacity.

- **The DDF system described here will handle transmission speeds up to 8 Mbit/s.**
- **All Baluns and test cord accessories required at the equipment end are available.**
- **Hybrid frames with coaxial 1.6/5.6 connectors are available to fit this frame if required.**
- **Able to support speeds up to 155Mbit/s.**

Alarm & Power Distribution Panel



F. 1

P/N: PX-L04XX1

SPECIFICATIONS

1. Electrical

Supply source:

- Two supply sources (RF1, RF2): -48V dc nominal
- Current: 48A, 8 protected circuits (96A, 16 protected circuits total).

Circuit Protection: plug in Thermal and Magnetic trip circuit breaker: ETA series 3600-P10-ZR-Si5-XA where X demotes circuit breaker current rating.

Main Contact: 65Vdc 1A to 16A (select circuit breaker rating to suit application).
Auxiliary Contact: 65Vdc 1A

Alarm Circuit

Low battery voltage alarm threshold:

- Nominal Voltage: -38.5V
- Guarantee no alarm level: -41.0V
- Guarantee alarm on level: -36.0V

High battery voltage alarm threshold:

- Nominal Voltage: -65.0V
- Guarantee no alarm level: -61.5V
- Guarantee alarm on level: -68.5V

Output to remote alarm:

- Alarm Condition: 0 to -1.2V (each)
- Normal Condition: Open circuit

Circuit breaker rating:

- 1A

Panel indication:

- U (Urgent) – Red LED
- NU (Non-Urgent) – Amber LED
- NML (Power Supply Normal) – Green LED
- ARA (Alarm Receiving Attention) – Green Bar LED

2. Connections

Power Supply Inputs (-48V):

Terminates at power input terminal block located at bottom rear of the T92 APDP. Terminal accepts solid or stranded wire up to 16mm². Strip length for cable: 12mm. terminate power supply input cables and associated cable ties prior to mounting the T92 APDP on the rack.

Alarm Indication Input/output

Krone insulation displacement terminals are provided to terminate 0.4mm to 0.65mm bare copper wire. Maximum of two wires can be terminated in a terminal provided the two wires are the same diameter.

Power Supply Outputs

WAGO cage clamp terminals are provided to terminate 2.5mm² conductor cables. Strip length for cable: 5 – 6mm. If screened power cable is used, the screen may be terminated on the WAGO cage clamp terminals labeled "RF1 SHIELD" and RF2 SHIELD" located on the top panel of the T92 APDP.

3. Operating Temperature Range:

-10°C to +60°C

4. Mechanical

The dimensions of the APDP are as follows:

Height::	110mm
Width T92:	535mm
T84 & 19"	482mm
Depth:	223mm
Weight with all (17) circuit breakers plugged in:	4.2Kg