



Power Distribution Unit

Power Distribution Frame ICB/XLP for Power To The Antenna or Hybrid Systems

Features

- Rack mounted Power Distribution Unit for 18 system
- Secured by Circuit Breaker for each system, verified for 48VDC RRU powering with indication feature on released breaker
- Spring Loaded Terminal Blocks for easy and secure termination
- Bridgeable Terminal Blocks enables higher power load on dedicated wire terminals. Easy access and visible bridgepoint at Circuit Breaker
- System with 3 isolated independent groups enables secure handling of extension during unit in operation
- Spring loaded termination blocks for easy termination of the 3 groups of power inputs +/- . Verified to 125 A each and handle wires up to 35mm²
- Two input blocks in parallel to enable two wire input connection on each group.
- Prepared for extension with overvoltage protection

- Easy service in rack due to pullout function of innerbox and removable front panel
- Dedicated fastening options for single, multi, hybrid, power feeding cables and individual cords from multi cables to ensure safe cable handling during service and operation
- All internal connections are preterminated by power cords with end sleeves and fastened with stipulated torque

Application

Power Distribution Unit for interconnecting power between RRU and main unit. Intended to be used with single power cables, Hybrid cables like HRPM254110/xx or similar or Multi Power Cable TFL700020 with corresponding outdoor box HNCD5071020.

Design

The Power Termination Box is designed to handle up to 18 RRU systems. With Circuit Breaker for each system, verified for 48VDC RRU powering.

Termination blocks are bridgable to support higher power load on dedicated wire combinations.

Circuit breaker is verified with termination on two 10mm² power cords.

Strain relief for power cords are done with cable ties to supporting box fastneings. The Power

Termination Box is made of metal and painted. The box is intended for mounting in rack at radio site.

Support rack depths 400-500mm.

Technical Information

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| Product Color | Black |
| Temperature, Operation [°C] | -30 to +70 |
| Voltage Rating [V] | 60 |
| Technical Notes | Terminal Blocks - Wire size x2x35mm ² In, 3x12x10mm ² Out |
| Installation Notes | <p>Suitable Cables and Accessories:</p> <ul style="list-style-type: none"> ▪ Multi power feeder cable, TFL700020 RQAFQ 6x2x6mm² + 2x10mm² ▪ Multi power feeder cable, TFL700040 RQAFQ 5x2x10mm² + 2x10mm² ▪ Hybrid cable, 2/HRPM254110/xxx Hybrid 6+6 6mm² G657A2 ▪ Hybrid cable, 2/HRPM254111/xxx Hybrid 9+9 6mm² G657A2 ▪ Hybrid cable, 2/HRPM254113/xxx Hybrid 9+18 6mm² G657A2 ▪ Hybrid cable, 2/HRPM254114/xxx Hybrid 6+18 10mm² G657A2 |

Technical Details

