

RIVO MULTITRADE OPTICAL SYSTEMS

There is no socket next to the distribution box



Overview

In a pinch, if there's space, add an insulated bar or use a multi-position Polaris type connector to add terminals.

Key Takeaways

If there are no sockets near your distribution box, you can either install a new power outlet or use a safely routed extension temporarily. Temporary Solutions

If immediate power is needed, a heavy-duty extension lead can be used to bring power from the nearest available socket to the distribution box area. Ensure the cable is safely routed to avoid trip hazards, for example by securing it along walls or under protective mats. This is a practical short-term solution while waiting for a permanent installation.

Permanent Solutions

For a long-term and safe setup, the best approach is to install a new socket near the distribution box. This requires a qualified electrician to ensure compliance with electrical standards, proper wiring, and load capacity. The electrician can assess the existing circuits and determine whether a new spur or dedicated circuit is needed, ensuring safety and reliability.

Safety Considerations

- Avoid using multiple extension leads daisy-chained together, as this can overload circuits.

- Ensure any temporary cable is rated for the load of the equipment being powered.
- Do not attempt to wire a socket yourself unless you are trained and certified, as improper installation can cause short circuits, fire hazards, or system failure .

Planning for Equipment Installation

If the distribution box is being used to power devices like an ONT or other network equipment, plan the cable routing carefully. Temporary extension leads can allow installation and testing, but the final setup should have a dedicated, properly installed socket to maintain safety and compliance . By following these steps, you can ensure that your distribution box area is both functional and safe, whether using a temporary solution or installing a permanent socket.

Article Content

no space on neutral bar

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

