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Zero 88 Rigswitch Connecting Channel Outputs Instruction Manual

Contents

Zero 88 Rigswitch Connecting Channel Outputs

Product Information

Specifications

- **Load Output Terminals:** Double stacked terminals for live and neutral per channel
- **Maximum Cable Size:** 6mm2
- **Main Bus Bar:** Located at the top left of the cabinet for sharing earth connections
- **Maximum Load per Block:** 192A

Phase Wiring Colors:

- **Phase 1 (brown*):** Channels 1, 4, 7, 10, 13, 16, 19, 22
- **Phase 2 (black*):** Channels 2, 5, 8, 11, 14, 17, 20, 23
- **Phase 3 (grey*):** Channels 3, 6, 9, 12, 15, 18, 21, 24
  *Based on IEC Standard wiring color codes
    - Top Cable Entries:
        - **Flange:** 2x
        - **Relief Stamp:** 2x M32/M40

Product Usage Instructions

Connecting Channel Outputs

The load output terminals for live and neutral per channel are located at the top right of the cabinet. To connect the channel outputs, follow these steps:

1. Ensure the power to the cabinet is turned off.
2. Strip the insulation from the end of the cable that you will be using.
3. Insert the exposed end of the cable into the appropriate double stacked load output terminal for the

corresponding channel.

4. Tighten the terminal screws to secure the cable in place.
5. Repeat steps 2-4 for each channel you wish to connect.

Channel Phases

The channels are divided into three phases: Phase 1, Phase 2, and Phase 3. Each phase corresponds to specific channels as indicated by the wiring color codes. To understand the phase allocation, refer to the following:

- Phase 1 (brown*): Channels 1, 4, 7, 10, 13, 16, 19, 22
- Phase 2 (black*): Channels 2, 5, 8, 11, 14, 17, 20, 23
- Phase 3 (grey*): Channels 3, 6, 9, 12, 15, 18, 21, 24

*Based on IEC Standard wiring color codes.

Top Cable Entries

The cabinet has two flange top cable entries with relief stamps.
To utilize the top cable entries, follow these steps:

1. Identify the appropriate top cable entry based on your cable size and requirements.
2. Remove any protective covers or caps from the selected cable entry.
3. Insert the cable through the flange and relief stamp.
4. Secure the cable in place using appropriate cable clamps or fasteners.

Frequently Asked Questions

- What is the maximum cable size that the load output terminals can accept?
    - The load output terminals can accept a maximum cable size of 6mm2.
- What is the maximum load rating per block of 12 channels?
    - The maximum load rating per block of 12 channels is 192A.
- How are the channel phases interlaced?

    The channel phases are interlaced as follows:

    - Phase 1 (brown*): Channels 1, 4, 7, 10, 13, 16, 19, 22
    - Phase 2 (black*): Channels 2, 5, 8, 11, 14, 17, 20, 23
    - Phase 3 (grey*): Channels 3, 6, 9, 12, 15, 18, 21, 24
        - *Based on IEC Standard wiring color codes.
- How many top cable entries does the cabinet have?
    - The cabinet has two flange top cable entries with relief stamps.
- What are the sizes of the relief stamps for the top cable entries?
   - The relief stamps for the top cable entries are M32 and M40.

Terminals
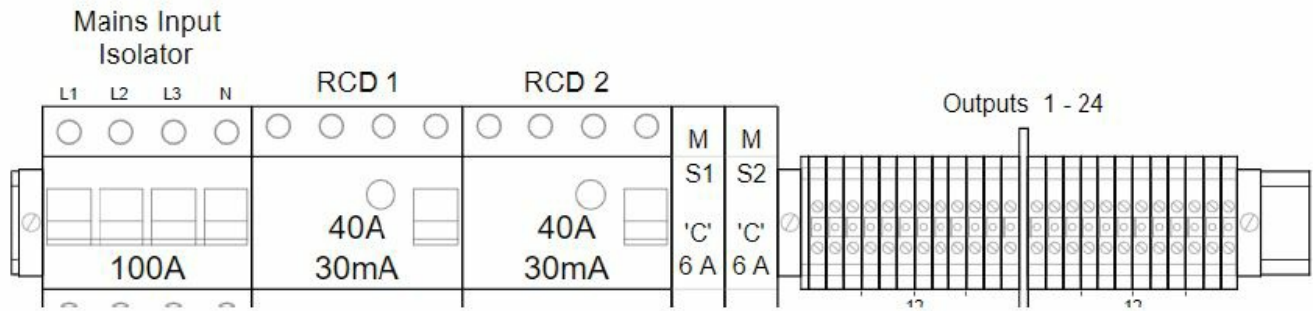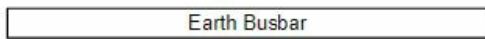
- Double stacked load output terminals for live and neutral per channel are situated top right of the cabinet, and will accept a maximum 6mm2 cable. Earths will share the main bus bar top left of the cabinet.
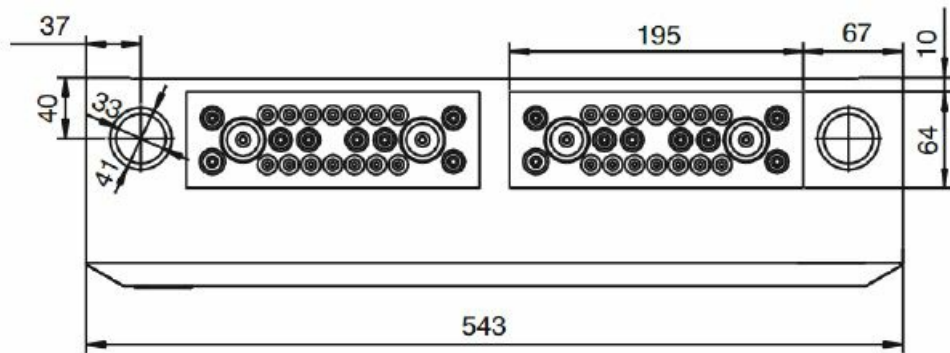- Each block of 12 channels is rated at a maximum of 192A load.

Channel Phases

Phases are interlaced as follows:
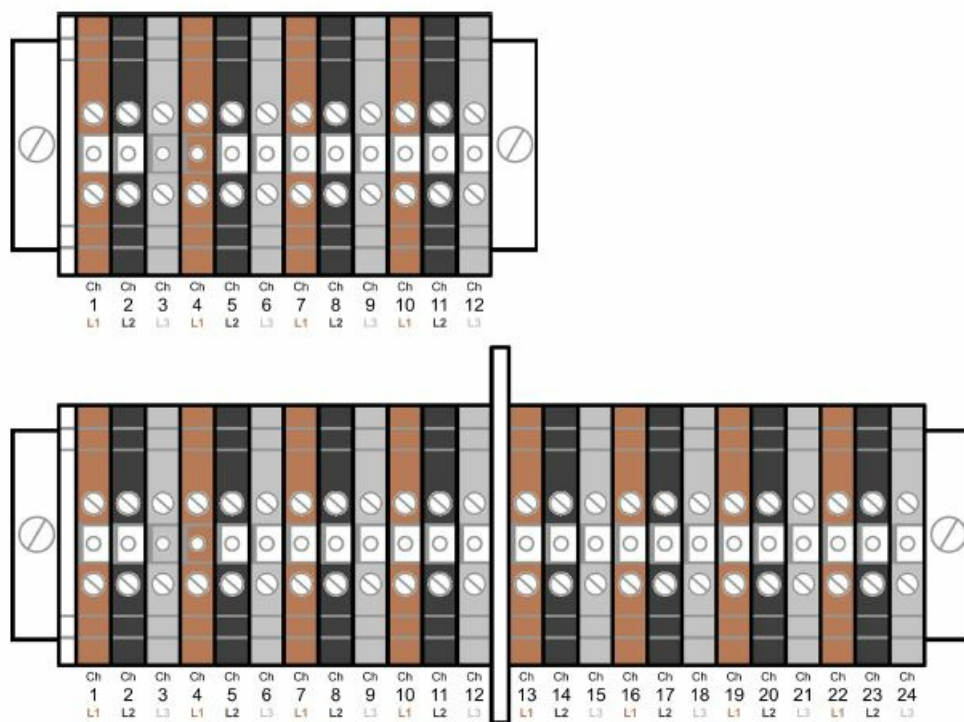
- **Phase 1 (brown*):** Channels 1, 4, 7, 10, 13, 16, 19, 22
- **Phase 2 (black*):** Channels 2, 5, 8, 11, 14, 17, 20, 23
- **Phase 3 (grey*):** Channels 3, 6, 9, 12, 15, 18, 21, 24

*IEC Standard wiring colour codes

Top Cable Entries

2x Flange:

- 14x ø11mm
- 8x ø15mm
- 2x ø28mm

Relief stamp:

- 2x M32/M40

Documents / Resources

[**Zero 88 Rigswitch Connecting Channel Outputs**](#) [pdf] Instruction Manual
Rigswitch Connecting Channel Outputs, Rigswitch, Connecting Channel Outputs, Channel Outputs, Outputs

References

- [**User Manual**](#)