

Modular Main Distribution Board 630A – Temporary Power Solution for Construction Sites and Events

The Modular Main Distribution Board 630A is a temporary power distribution unit designed for construction projects and events. Developed with close attention to user feedback and practical site needs, this board offers a smart and versatile solution. It includes a **dedicated slot and current transformers (CTs) for a kWh meter**, intended for use with an **official consumption meter provided by the local utility company**.

Modular Incoming Section

The incoming side features a modular busbar system and fuse switches, allowing flexible customization of cable sizes and quantities to meet the requirements of local power utility companies. Thanks to the open-frame design, connecting supply cables is easy – there's no need to thread cables underneath the board. Instead, the bottom panels can be removed during installation for convenient access.

Modular Outgoing Section

The standard setup includes fuse switch outputs and a 63A socket module equipped with two 63A sockets. The modular design allows the addition of extra fuse switches or socket modules, enabling the inclusion of additional 230V, 16A, 32A, and 63A outputs based on the customer's needs. The standard configuration includes two free module slots for future expansion.

Installer-Friendly Design

To support effortless installation, several thoughtful details have been incorporated:

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- Easy cable connection via the open frame – no need to route cables under the board. Bottom panels are removable during installation.
- Phase fuses are color-coded for clarity and safety: brown (L1), black (L2), and grey (L3)
- The board is designed to allow a 63A cable to bend smoothly through brush strips under the door.

TEKNISET TIEDOT

Tuotekoodi	505011015	**RCD**	2 x 300 mA
Nominal Current	630 A	**Short-circuit resistance**	Icf = 50 kA
Nominal voltage	400 V	**Weight**	254,5 kg
Input fuses	2 x NH2 400A, 1 x NH3 630A	**Dimensions (H x W x D)**	1,83 x 1,2 x 0,8 m
Size of the input cable	3 x 95-240mm2	**Enclosure class**	IP44
Fuse output	3 x SLK 160 2 x SLK 400	**Corresponding model number**	ZFSF630/32/0002-02 FI
Sockets	2 x 63A		

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