MC-LV-US
LV-US, Low voltage
Low voltage hoist controller with optional remote



The **MC-LV Motor Controller** was designed to control **up to 12 electrically compatible motors**, either separately or simultaneously – controlled via front pannel or **CMCdigital remote**.

The device is equipped with unique **APA** (**Automatic Phase Align**) module, which guarantees that the **motors** are still moving **in the same direction** on any align of input phases. If any line wire is disconnected, the hoist controller stops to ensure **safe operation**.

Another feature of **MC-LV** is the **AVM** (**Automatic Voltage Metering**) module. This module checks main voltage for AC 208-240V +-20%, **star configuration** and **protects the hoists** in case of problem with main voltage.

The unit will **NOT** go into the safe function if:

- **one phase is missing**
- **there is under-voltage on lines**
- **there is over-voltage on lines**

All electrical components carry their own individual **CE** and comply with the **European Directives**. The unit is housed in a **robust steel 19" rack** with powder coating and complies with CE according to the **Certification of conformity** that comes with it.

The **MC-LV** has an additional **key switch** for the PICKLE/off/AUTO mode

- **Optional cable remote**
- Controller for **up to 12 low voltage hoists**
- **Automatic phase sequence check** and **align**
- **Automatic voltage check** and **hoist protection**
- Hoist types: **BGV D8, BGV D8+**
- **Emergency STOP**
- Power output for WMCseries via **US connector**
- Outputs protected **C20A** per output MCB

Compatible with:

- **CM lodestar**
- **Trabes**
- **Prolyft**
- **Verlinde/Stagemaker**

Weight & Dimensions:

- **8U (GMC4/8/12)**
- **16, 20 & 24kg (GMC4, 8, 12 respectively)**

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