## Motorised Change Over Load Break Switch MLBS..CO (1-0-2)

## Description

MLBS CO is 4 pole motorised changeover switch with positive break indication in range 63 to 125A. It enables the on load transfer of two three-phase supplies via remote volt-free contacts, from either an external automatic controller, using pulse logic, or a switch. It is intended for use in low voltage power systems where interruption of the load supply is acceptable during transfer. MLBS CO switches have been designed, qualified and tested according to the criteria defined by standard IEC 60947-3 and IEC 60947-6-1. It can be utilised with a direct front or external operation handle.

## Advantages

MLBS CO uses stable position technology, ensuring constant pressure on the contacts and preventing premature faults. In addition, they do not require a power supply to maintain position, thus protecting their loads from voltage fluctuations. The control and motorisation section can be replaced simply by removing 4 screws, with no work required on the installation cabling.Their design and compact size, enables integration within most 200 mm deep enclosures. Maintenance can be carried out easily under load, with manual operation still available. The MLBS CO is available in two supply versions, each with a broad range (+/-30\%):

- 230 VAC single power supply
- 12 VDC power supply

Applications

- Generator manufacturers
- Heating
- Air conditioning
- Ventilation
- Telecommunications


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## Dimensions

MLBS 63 4P CO - MLBS 125 4P CO


## Power supply MLBS 63 -MLBS125 4P CO 230VAC

| 1 |
| :--- |
| 2 |
| 1 |

- preferred source

2 - alternate source
1 - position 0 control
2-position I control
3 - position II control
4 - auxiliary contact, closed when the switch is in position 0
5 - auxiliary contact, closed when the switch is in position II
6 - auxiliary contact, closed when the switch is in position I
7 - power supply kit: $230 \mathrm{~V} \mathrm{AC}(160-310 \mathrm{~V} \mathrm{AC})$

- preferred source
- alternate source
- position 0 control

2-position I control
3 - position II control
4-auxiliary contact, closed when the switch is in position 0
5 - auxiliary contact, closed when the switch is in position II
6 - auxiliary contact, closed when the switch is in position I
7 - power supply 12 V DC ( $9-15 \mathrm{~V}$ DC)

MLBS 63... 125 4P CO 230VAC


MLBS 63... 125 4P CO 12VDC


