



Interlocking of two Masterpact circuit breakers using cable.

### Interlocking of two Masterpact NT/NW or up to three Masterpact NW devices using cables

For cable interlocking, the circuit breakers may be mounted one above the other or side-by-side.

The interlocked devices may be fixed or drawout, three-pole or four-pole, and have different ratings and sizes.

#### Interlocking between two devices (Masterpact NT and NW)

This function requires:

- an adaptation fixture on the right side of each device
- a set of cables with no-slip adjustments
- the use of a mechanical operation counter CDM is compulsory.

The maximum distance between the fixing planes (vertical or horizontal) is 2000 mm.

#### Interlocking between three devices (Masterpact NW only)

This function requires:

- a specific adaptation fixture for each type of interlocking, installed on the right side of each device
- two or three sets of cables with no-slip adjustments
- the use of a mechanical operation counter CDM is compulsory.

The maximum distance between the fixing planes (vertical or horizontal) is 1000 mm.

#### Installation

The adaptation fixtures, sets of cables and circuit breakers or switch-disconnectors are supplied separately, ready for assembly by the customer.

Installation conditions for cable interlocking systems:

- cable length: 2.5 m
- radius of curvature: 100 mm
- maximum number of curves: 3.

#### Possible combinations of “Normal” and “Replacement” source circuit breakers

“Normal N”	“Replacement” R		
	NT06 to NT16	NW08 to NW40	NW40b to NW63
<b>NT06 to NT16</b>			
Ratings 250... 1600 A	■	■	■
<b>NW08 to NW40</b>			
Ratings 320... 4000 A	■	■	■
<b>NW40b to NW63</b>			
Ratings 4000... 6300 A	■	■	■

All combinations of two Masterpact NT and Masterpact NW devices are possible, whatever the rating or size of the devices.

#### Possible combinations of three device

	NT06 to NT16	NW08 to NW40	NW40b to NW63
<b>NT06 to NT16</b>			
Ratings 250... 1600 A			
<b>NW08 to NW40</b>			
Ratings 320... 4000 A		■	■
<b>NW40b to NW63</b>			
Ratings 4000... 6300 A		■	■

Only Masterpact NW may be used for three-device combinations.

#### Types of mechanical interlocking and combinations

See catalogue “Source changeover systems”, réf. LVPED208007EN.