Relay Retrofit Program
Cutting Tool
Operating Guide SPACOM 300
Table of contents

03  1. Preparations
03  2. Cutting cycle
04–05  3. Operating the cutting tool on a horizontal edge
06  4. Install the cover plate
06  5. Finishing your work
1. Preparations

1.1 Remove the existing relay.

Ensure that there is enough space to operate the cutting tool in all intended directions. Check the space required by the replacement IED and its wiring.

1.2 Place the cover plate in its intended location.

Mark the outline for the opening and the fixing screw locations in each corner of the cover plate.

Drill the holes for fixing screws using a drill bit of 4.5 mm in diameter.

2. Cutting cycle

Horizontal: 1, 4, 3 and 2.
3. Operating the cutting tool on a horizontal edge

3.1 Ensure that the cutting head is set in the correct position. The text **HORIZONTAL Up and Down** must point in the direction you are cutting.

3.2 Make four punches, side by side.

Ensure that you use the correct guiding, before each cutting cycle.

3.3 After each cutting cycle, ensure that the cutting head is clear of offcut!
Push the vent lever to release the punch after each cutting cycle.

For your safety, keep your hands on the power unit, never on the cutting head.

Beware of the sharp edges!

Note the cutting order. Cut the parts next to the edges first and the middle part last.
4. Install the cover plate

4.1 Close the door and install the cover plate.
Use the self-tapping screws supplied with the cover plate.

5. Finishing your work

5.1 Finish your work and install the new IED.
Clean the offcuts from the floors.
For more information, please contact
E-Mail: aftersales.relays@fi.abb.com
abb.com/service
abb.com/mediumvoltage