

# Feeder protection: REJ/REF601; Motor Protection REM601

## Application Note: Installation of communication card

Dear Reader

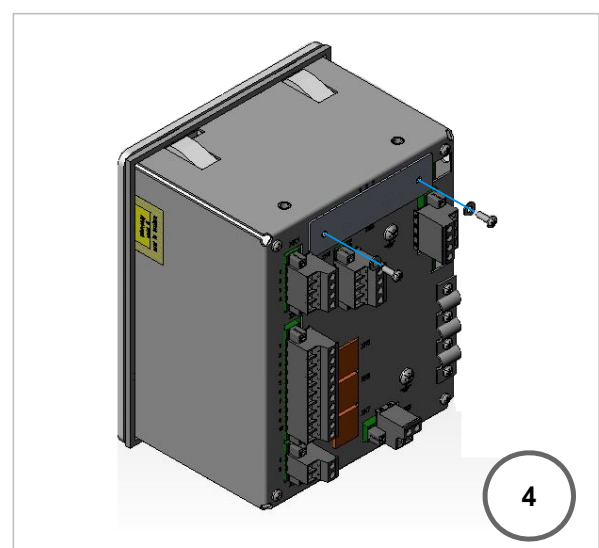
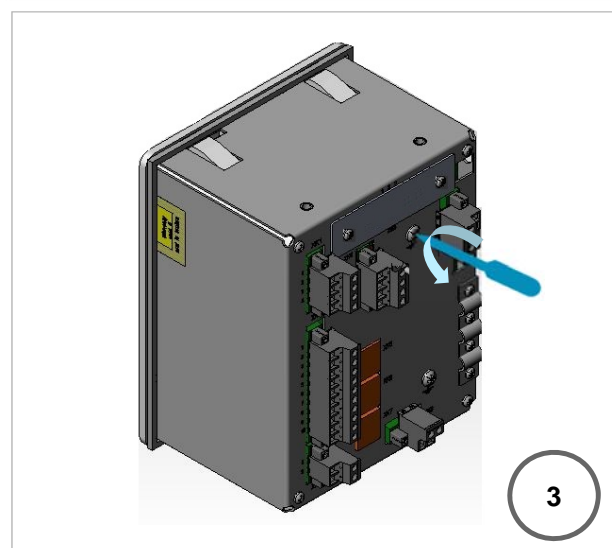
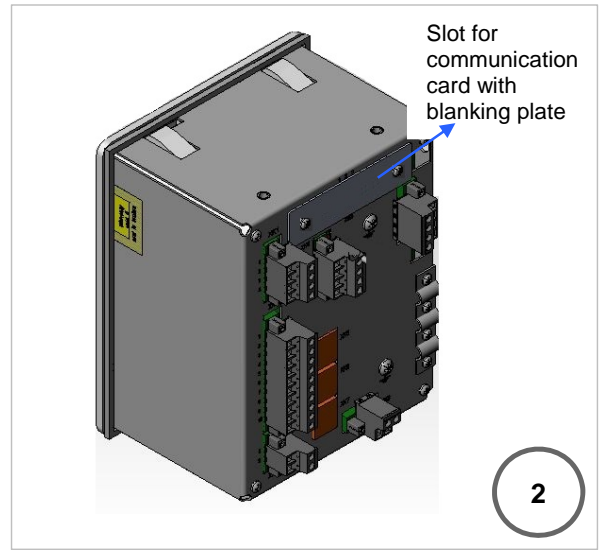
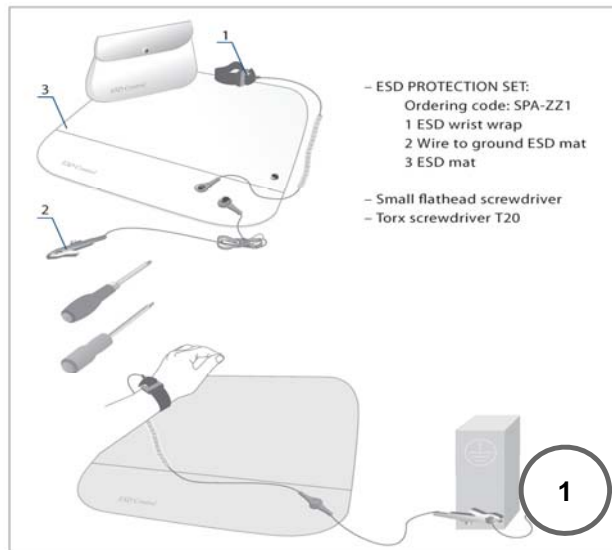
This application note describes the installation of add-on communication card in REJ601/REF601/REM601 relay.

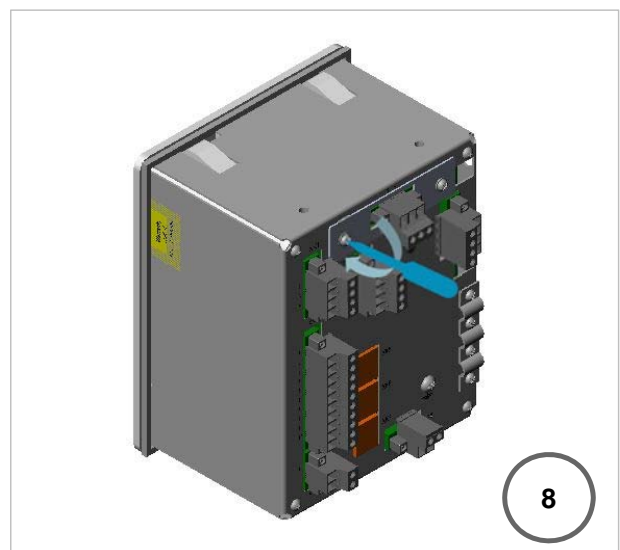
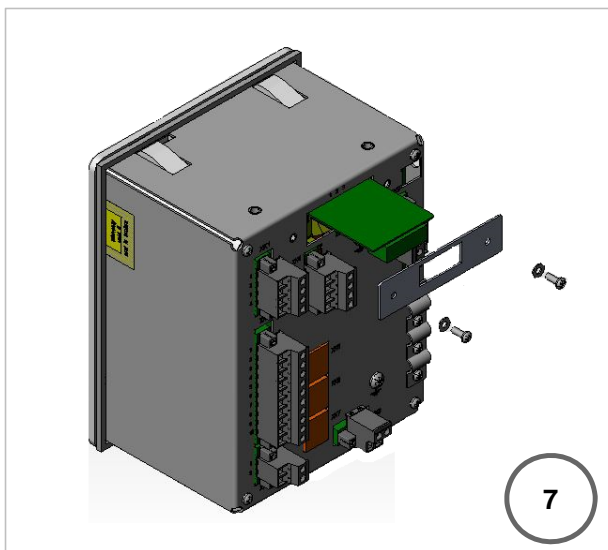
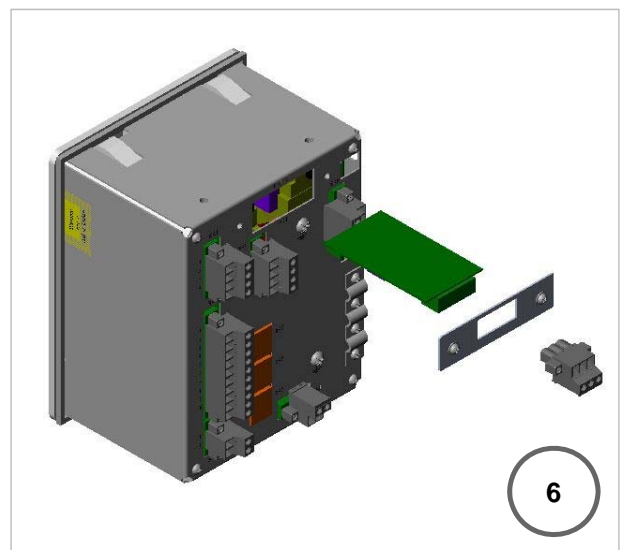
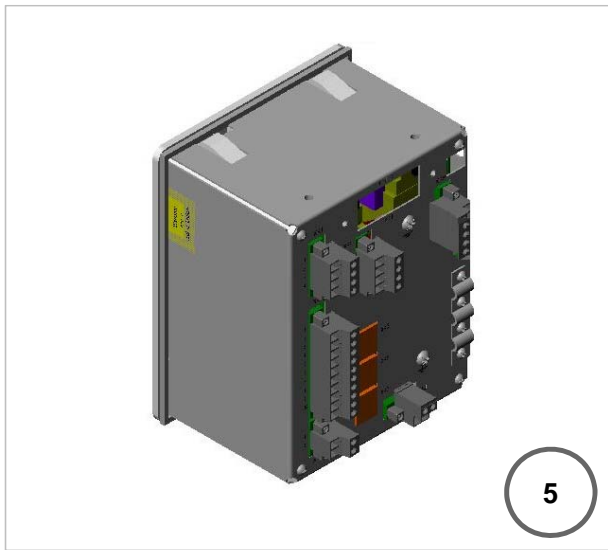
### Introduction

The Feeder protection relay REJ601/REF601 and Motor protection relay REM601 has add on communication module which can be installed at site. The communication module provides communication over 2 wire, RS485 on MODBUS RTU / IEC 60870-5-103 protocol (IEC 60870-5-103 protocol support available from relay V2.2FP1 onwards).

The add-on communication module can be ordered separately and installation of communication module is possible at site on existing installed relay (REF601/REJ601 V2.2 and REM601 V2.2 FP1 onwards).

Tool set needed on site:





How to install communication card in relay:

1. Use ESD tool set as indicated in figure 1.
2. Unscrew the blanking plate as indicated in figure 3,4 and 5
3. Insert communication card in slot available in relay through guide rails as indicated in figure 6 and 7.
4. After insertion of communication card, screw rear plate as indicated in figure 8.
5. Insert plug in 3 pin terminals for communication cable connection as indicated in figure 8.
6. Stick communication card identification label below the relay label available in top of relay.

## Document information and revision history

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Document revision/date	Product version	Document history
A / 2014-10-31	REF601/REJ601 V2.1 and onwards, REM601 V2.2 FP1	Initial release

## Safety information

- Dangerous voltages can occur on the connectors, even though the auxiliary voltage has been disconnected.
- Non-observance can result in death, personal injury or substantial property damage.
- Only a competent electrician is allowed to carry out the electrical installation.
- National and local electrical safety regulations must always be followed.
- The frame of the device has to be carefully grounded.
- When the blanking plate of communication slot is removed, do not touch the inside of the case. The relay case internals may contain high voltage potential and touching these may cause personal injury.
- The device contains components which are sensitive to electrostatic discharge.
- Unnecessary touching of electronic components must therefore be avoided.

## Disclaimer

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