Card exchange instructions
REF 542plus
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 plug-in unit has been detached from the case, 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.

Guarantee
Please inquire about the terms of guarantee from your nearest ABB representative.

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In particular, any risks in applications where a system failure and/or product failure would create a risk for harm to property or persons (including but not limited to personal injuries or death) shall be the sole responsibility of the person or entity applying the equipment, and those so responsible are hereby requested to ensure that all measures are taken to exclude or mitigate such risks.

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In case the seal of the ESD bag is broken (opened), the card is not refundable.
The tool set needed on site:

- **ESD PROTECTION SET:**
  - Ordering code: SPA-ZZ1
  - 1 ESD wrist wrap
  - 2 Wire to ground ESD mat
  - 3 ESD mat

- Small flathead screwdriver
- Torx screwdriver T20
- Phillips head screwdriver Ph1
- 6 mm drill
REF 542plus

18.5 cm

23 cm

X8
X7
X6
X5
X4
X3
X2
X1

X1: PS
X2: BIO

X3: BIO

X4: BIO
X5: AIM or AO

X6: COM
X7: MB

X8: AIM

Installing in reverse order.