



Tools

The recommended tool lists for this section are not complete, but represent the minimum tools required to assemble, cable and inspect the Prisma Plus "system P" cubicles.

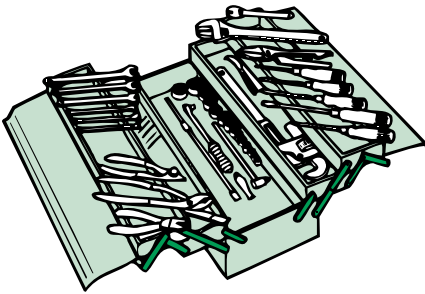
Assembling and cabling tools

■ Individual tools

The tool kit belonging to the assembling and cabling staff must contain at least the following tools:

| Type of assembly | Tools |
|--|---|
| Switchboard mounting: enclosure, mounting plate and panels except for switchgear | <ul style="list-style-type: none"> 1 ratchet wrench 1 extension piece 1 x 10 and 13 mm wrench 1 wrench bit socket 1 screwdriver 1 wrench bit for screwdriver 1 x 5 mm hexagon socket bit 1 wrench bit for pozidriv no. 2 recess 1 x 8 flat screwdriver 1 portable jig-saw |
| Mounting the switchgear and tightening the connections (Compact NS, etc.) | <ul style="list-style-type: none"> Socket 7, 8, 10, 13, 16, 17 and 19 mm Hexagon socket bit 4, 5, 6, 8 and 10 Wrench bit for pozidriv no. 1, 2 and 3 recess |
| Cabling the switchboard | <ul style="list-style-type: none"> 1 flat screwdriver 3.5 mm - 4 mm- 5.5 mm 1 pozidriv no. 2 screwdriver 1 electrician's knife 1 x 6 mm hexagon socket bit 1 flat nose pliers 1 stripping pliers 1 cable cutter 1 crimping tool 1 diagonal cutting pliers 1 half round nose pliers 1 bell or tester Ring spanner type terminal ends for torque wrench |

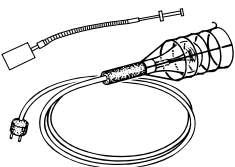
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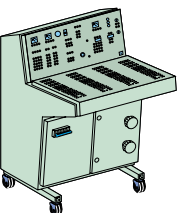
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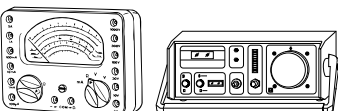
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■ Group tools

- 1 torque wrench with socket and ring spanner type terminal ends to tighten all electrical connections to the required torque (max. torque 50 Nm).
- 1 set of shears to cut flexible bars.
- 1 punching machine for flexible bars.
- 1 electrical saw.
- 1 drill.
- 1 vacuum cleaner for switchboard cleaning.

NB: When crimping the lugs, only the pliers recommended by the lug manufacturer must be used.

Inspection tools

■ Individual tools

The quality inspector's basic individual tools are the same as for the assembling and cabling staff, with in addition the few tools below:

- 1 small hinged mirror.
- 1 electrical lamp or portable lamp.

■ Group tools

- 1 control console.
- 1 dielectric meter.
- 1 Multimeter.