

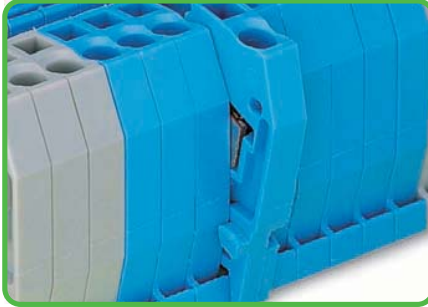
Rail-Mounted Terminal Blocks, 279 to 285 Series and 880 Series - Description and Handling -

Assembly



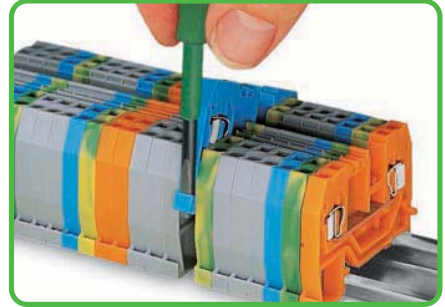
By snapping a ground conductor terminal block onto the carrier rail, a direct electrical connection is automatically made to the rail.

Assembly



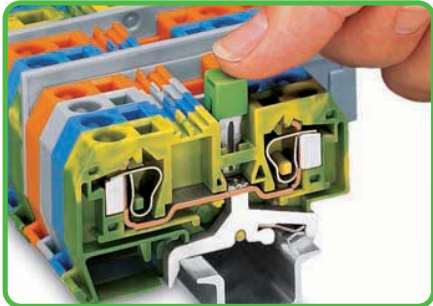
Quick assembly keys prevent reverse mounting.

Removal



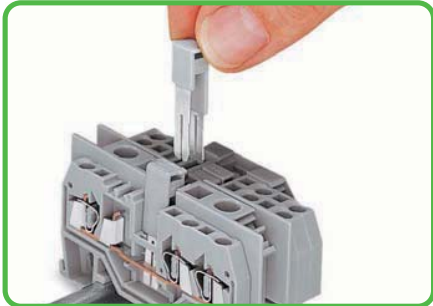
Removing a terminal block from the assembly.

Commoning



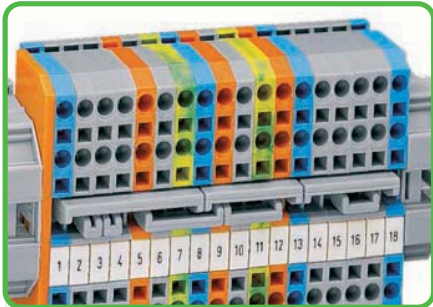
Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. In addition to the required marking of these blocks, use yellow-green adjacent jumpers.

Commoning with step-down jumpers



Commoning terminal blocks of different sizes - step down.
Application notes see page 138.

Commoning

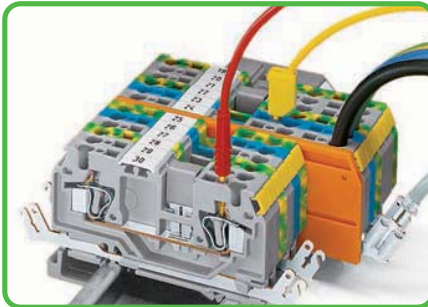


Staggered jumpers for sophisticated circuit requirements. Push jumpers down firmly until fully inserted. For additional notes, see page 161.



CAGE CLAMP® clamps the following copper conductors:
solid

Testing - 880 Series

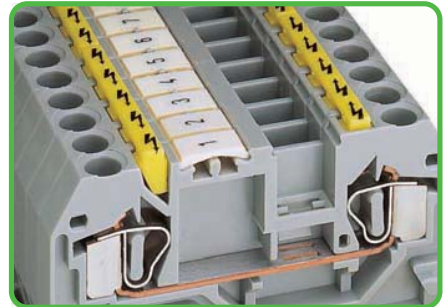


880 Series terminal blocks have an additional test slot for 2 mm Ø or 2.3 mm Ø test plugs.



stranded

Protective warning marker

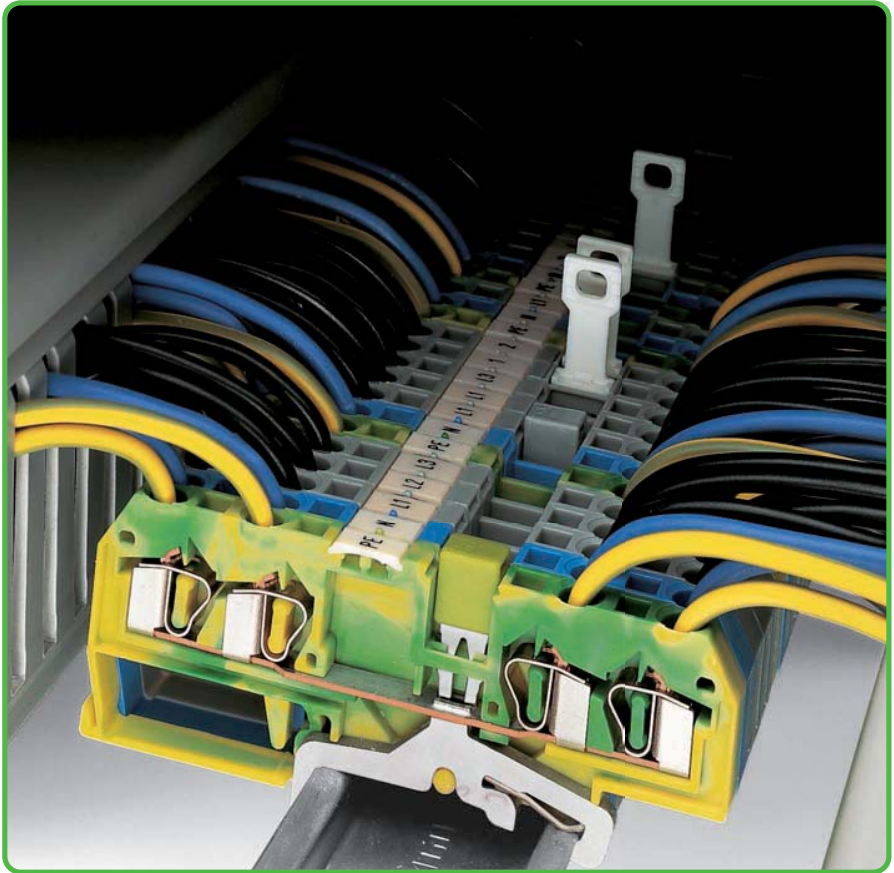


Protective warning markers inserted into the operating slots.



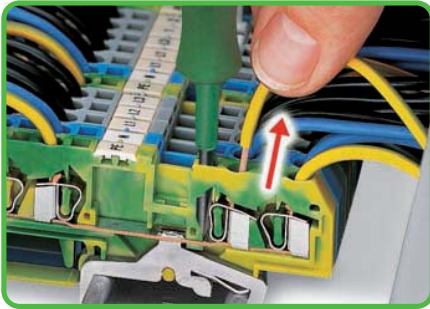
fine-stranded, also with tinned single strand

According to EN 60947-7-2 (VDE 0611, part 3), steel carrier rails shall not be used for PEN applications



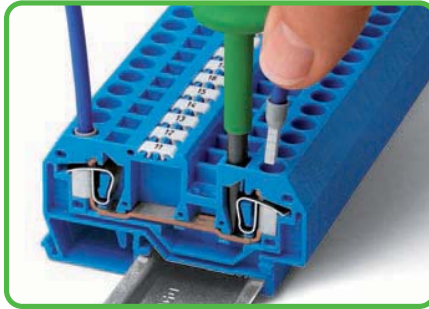
* For aluminum conductors, see notes in Section 14.

CAGE CLAMP® connection



Conductor termination

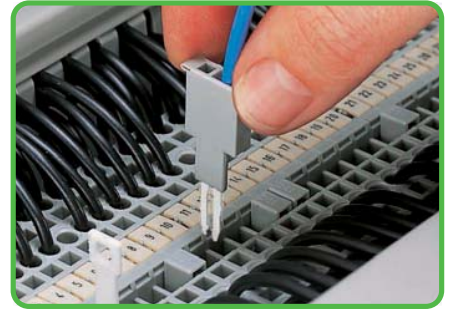
CAGE CLAMP® connection



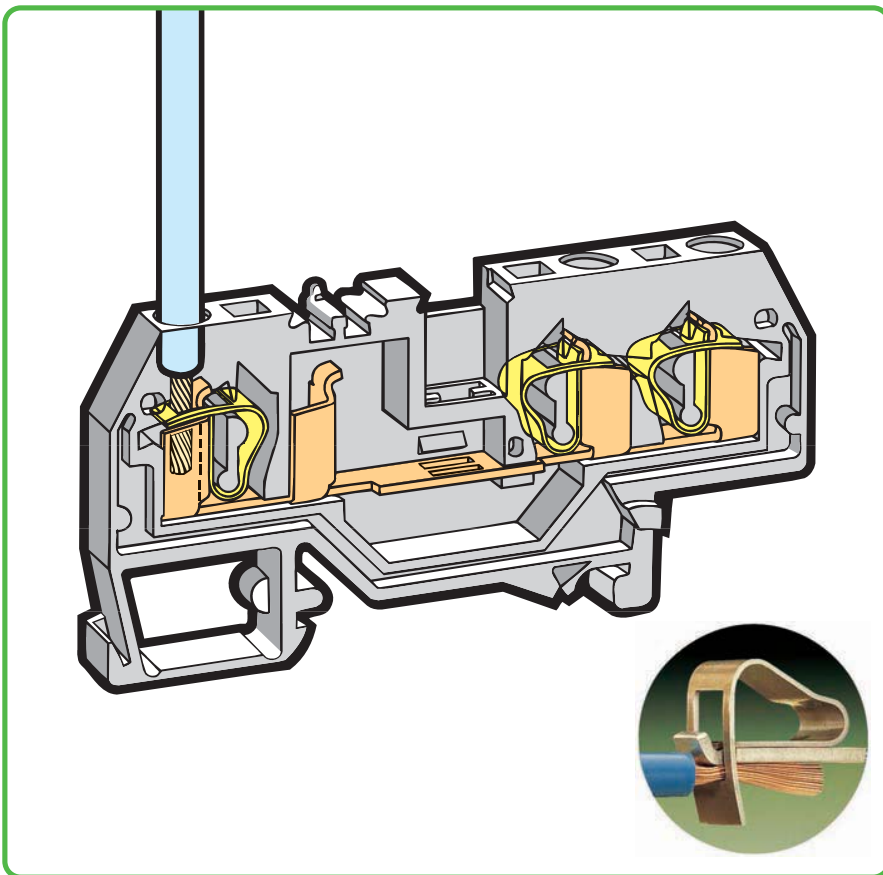
Conductor termination

❶ When using ferruled conductors, it is necessary to use a terminal block one size larger than the nominal cross section of the wire.

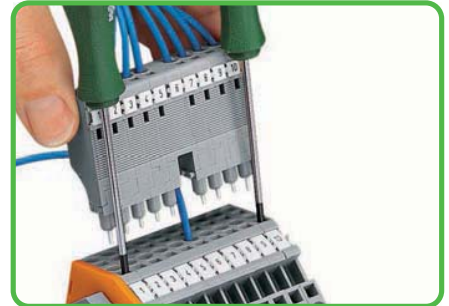
Testing



Testing with test plug.
Test plug fitted with CAGE CLAMP®.



Testing



L-type test plug modules fitted with CAGE CLAMP®.
For application notes, see page 154.

Testing



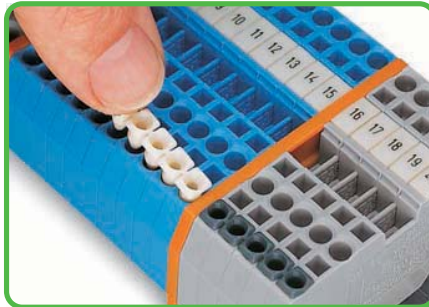
B-type test plug modules fitted with CAGE CLAMP®.
For application notes, see page 155.

Marking



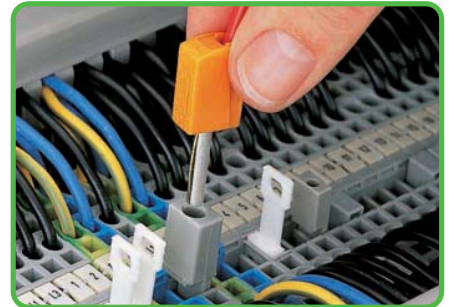
Marking with WMB Multi marking system.
For additional systems, see Section 13.

Insulation stop



Insertion of insulation stop.
For application notes, see page 159.

Testing



Testing with test plug.
Using 209-170 test plug adapter.



fine-stranded,
tip bonded



fine-stranded,
with ferrule ❶
(gastight crimped)



fine-stranded,
with pin terminal
(gastight crimped)