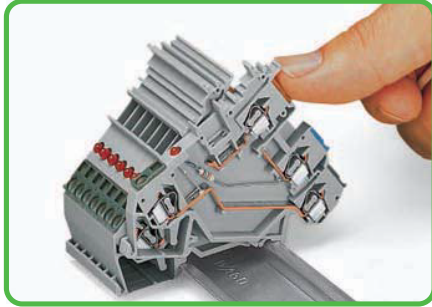


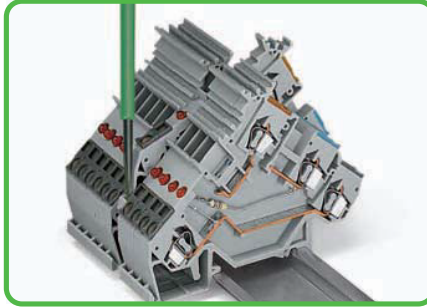
Sensor and Actuator Terminal Blocks 280 Series

Assembly



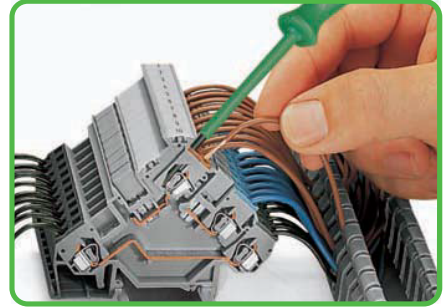
Assembly on the carrier rail. Terminal blocks with ground connection automatically establish a direct contact to the rail.

Removal



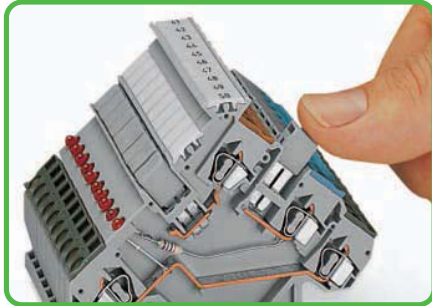
Removal from the carrier rail.
Notice: Remove jumper contacts first.

CAGE CLAMP® connection



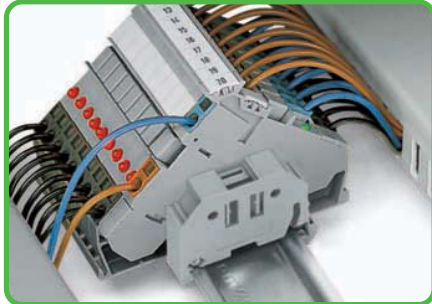
Conductor termination with straight operating tool (210-720).

Commoning

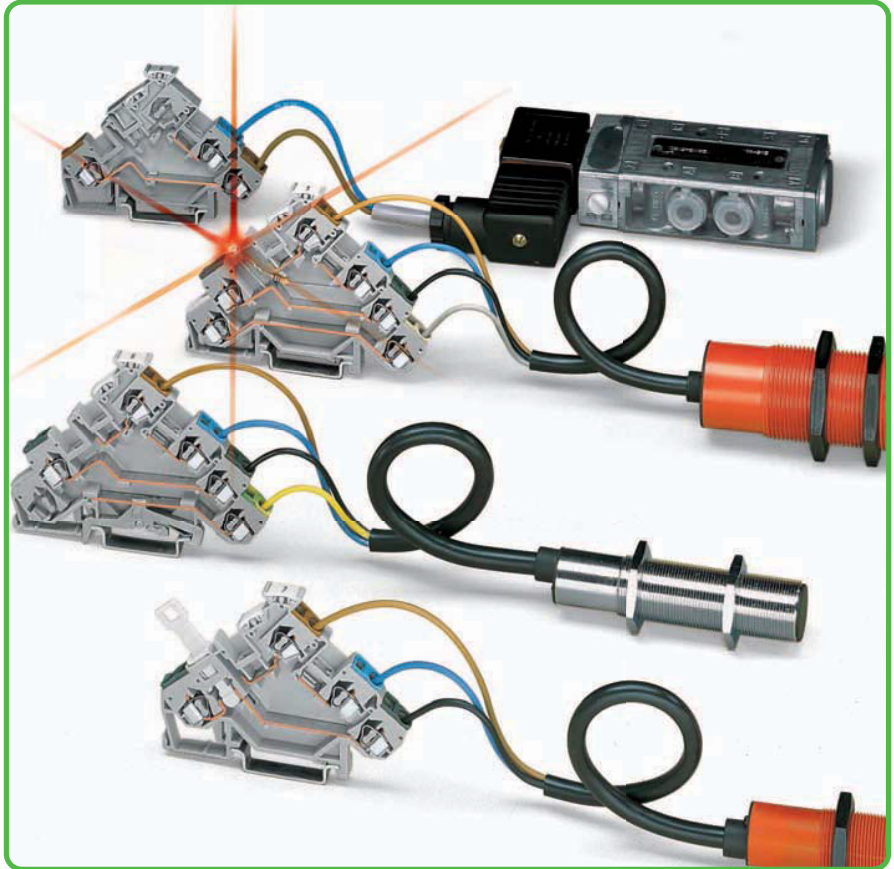


Commoning with adjacent jumpers. Push down the adjacent jumper until fully inserted.

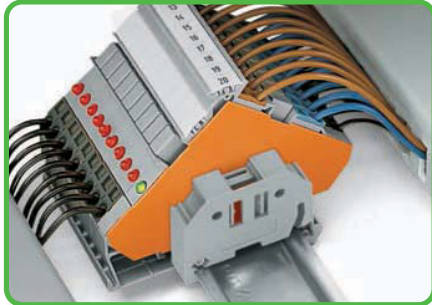
Power supply



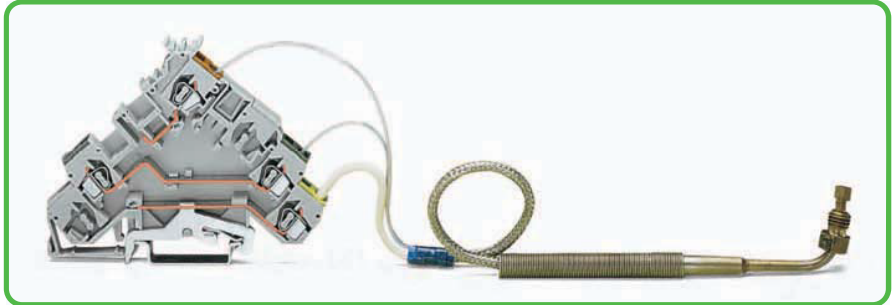
Sensor terminal blocks.
Power supply from control cabinet side.



Power supply



Sensor terminal blocks.
Power supply from sensor side.



Actuator terminal block and thermocouple with shield contact.



CAGE CLAMP® clamps the following copper conductors:*

solid



stranded

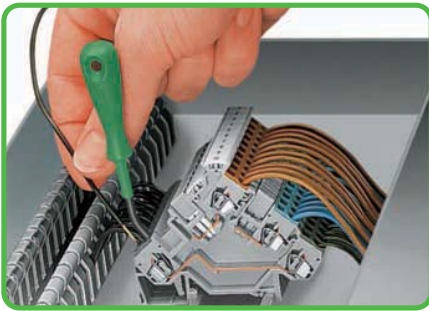


fine-stranded, also with tinned single strands

* For aluminum conductors, see notes in Section 14.

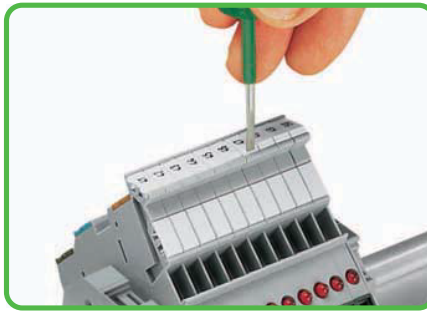
- Description and Handling -

CAGE CLAMP® connection



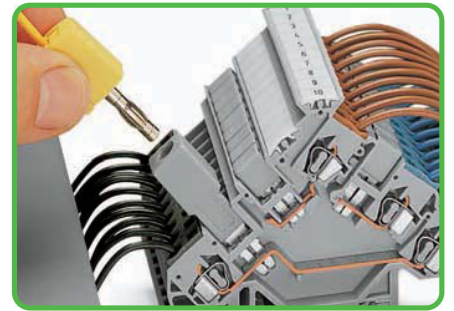
Conductor termination with angled operating tool (210-658).

Marking

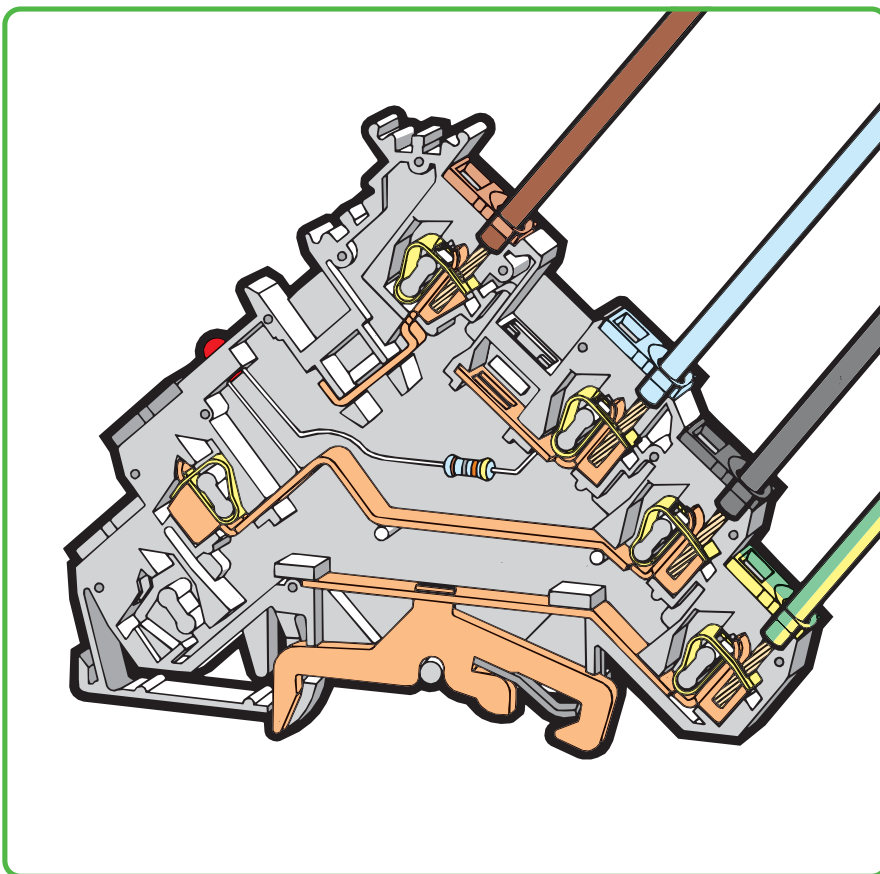


Marking with WMB Multi marking system. For additional systems, see Section 13.

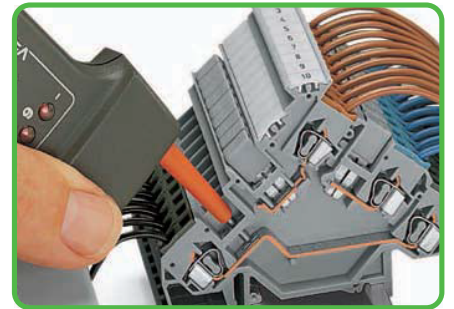
Testing



Testing via banana plug and 209-170 test plug adapter.



Testing



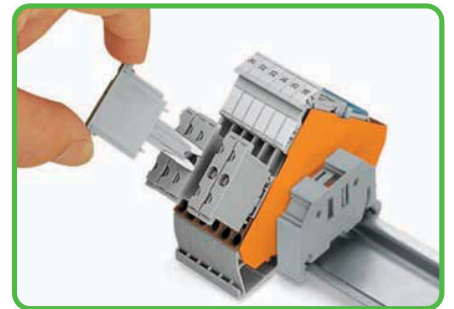
Testing with voltage tester directly on the current bar.

Fuse plugs



Actuator terminal blocks with 281-511 fuse plugs (requires additional intermediate plates).

Component plugs



Actuator terminal blocks with component plugs (280-801).



Actuator terminal block with thermocouple.



fine-stranded,
tip-bonded



fine-stranded,
with ferrule ①
(gas-tight crimped)



fine-stranded,
with pin terminal
(gas-tight crimped)

① When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

