Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder, for Miniature Metric Fuses, 281 Series
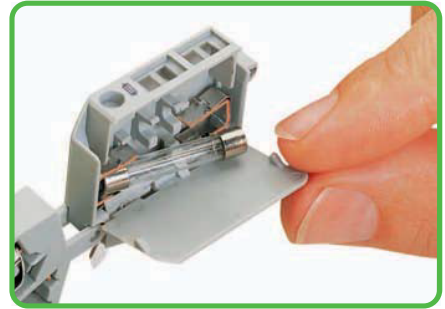
Blown fuse indication

Blown fuse indication by LED or neon lamp.
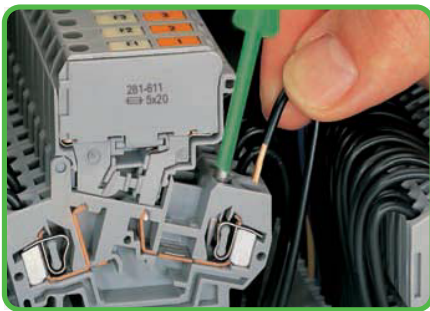
Fuse replacement

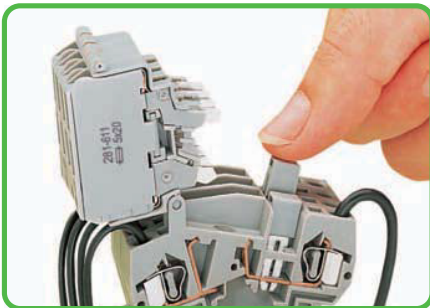Before replacing the fuse, pivot the fuse holder in the locked open position.

One end of the fuse is automatically ejected from the holder when opening the cover.
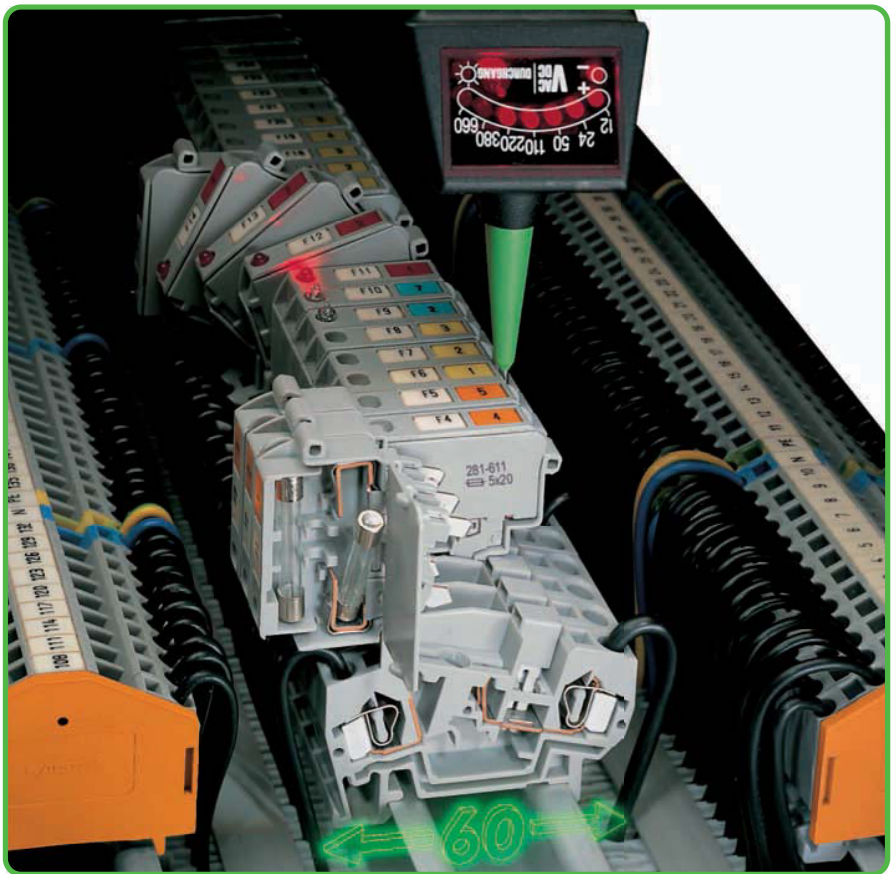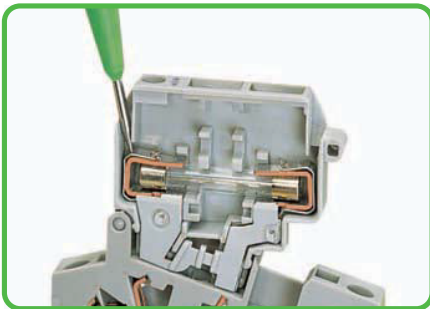
CAGE CLAMP® connection

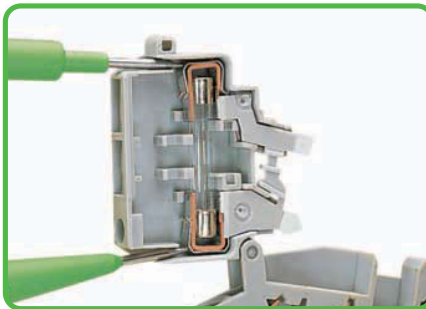
Conductor termination

Commoning

Distribution of current to several fuse-protected circuits via insulated touchproof jumpers.

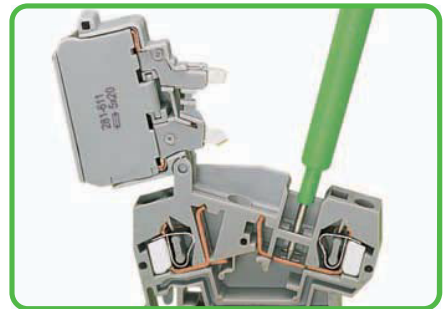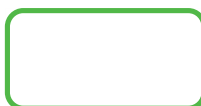## Testing

Voltage test, either at input or output with fuse holder in closed position (live).

Through test with fuse holder in open position (no voltage).
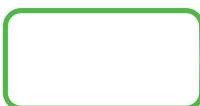

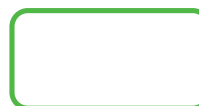Voltage test at input in the test slot of the current bar.

**CAGE CLAMP®
clamps the following
copper conductors:***

solid

stranded

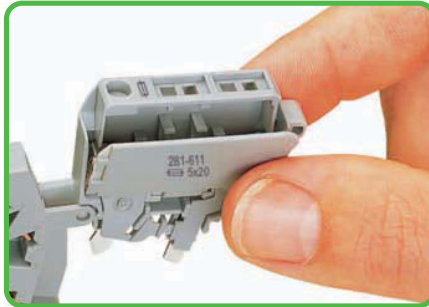fine-stranded,
also with tinned
single strands

* For aluminum conductors, see notes in Section 14.

– Description and Handling –
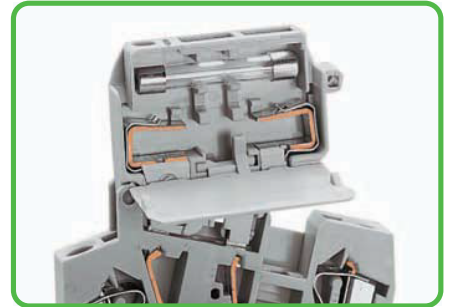
Fuse replacement (continued)

The fuse can be easily removed by hand.

Insert new fuse snap the cover closed.

Spare fuse

Storage of spare fuse (fuse holder without blown fuse indication).
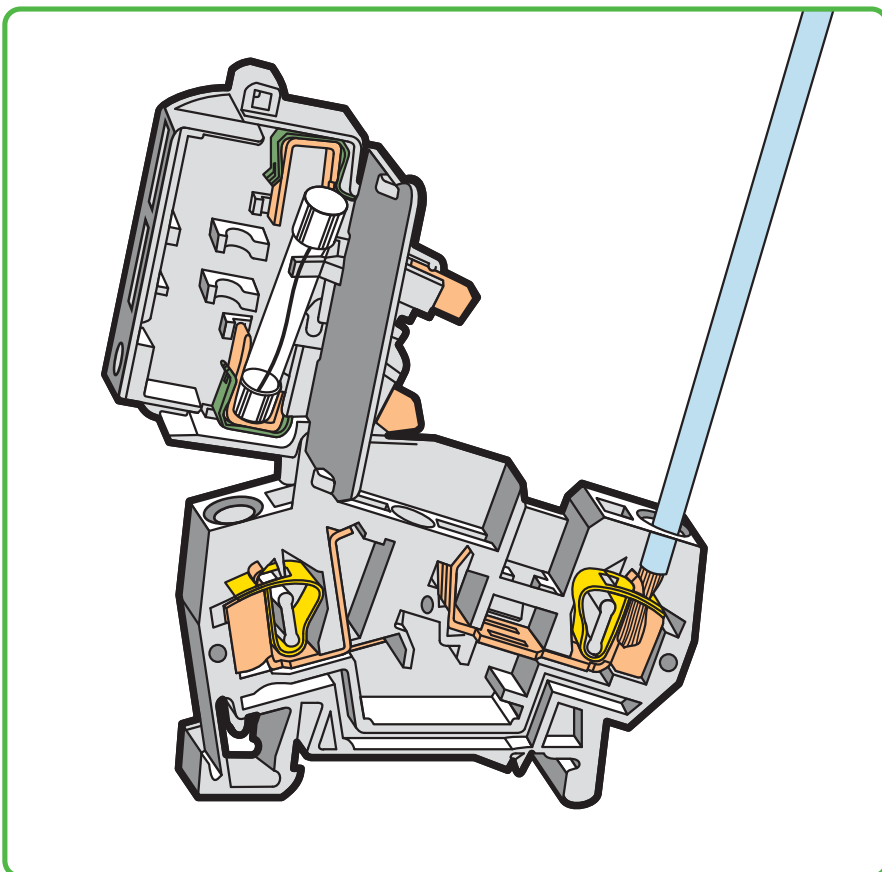
Touchproof protection

"Touchproof" protection in all positions of the fuse holder.

Locked position

Fuse holder will remain safely locked open in vertical assemblies.

Testing (continued)

Testing voltage at the output via separate test slot.
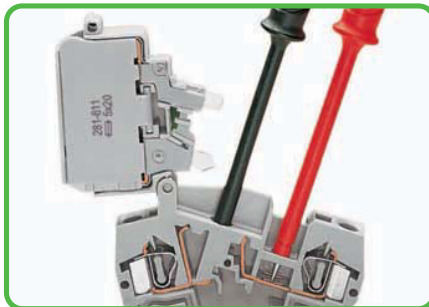
Current measuring between jumper slot and separate test slot.
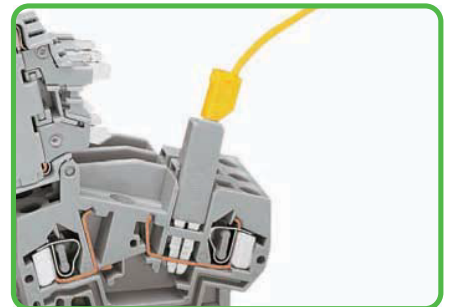
Voltage testing at input via 280-404 test plug adapter (shown) or 281-407 test plug.

fine-stranded, tip-bonded

fine-stranded, with ferrule ❶ (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

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

WAGO®

0.08 - 4 mm²	AWG 28 - 12
800 V/8 kV/3 ❶	600 V, 16 A
I_N 16 A	600 V, 10 A

Terminal block width 8 mm / 0.315 in
9 - 10 mm / 0.37 in ❸

60 mm/2.36 in
60 mm/2.36 in

Fuse or fuse disconnect terminal blocks with a width of 8 mm/0.315 in can be assembled adjacently. At the end of an assembly, if there is **no** adjacent Fuse or fuse disconnect terminal block, an end or intermediate plate must be used.

❶ 800 V = rated voltage
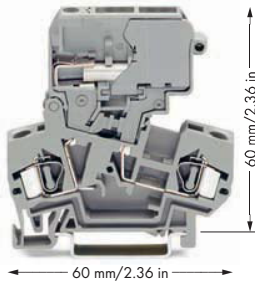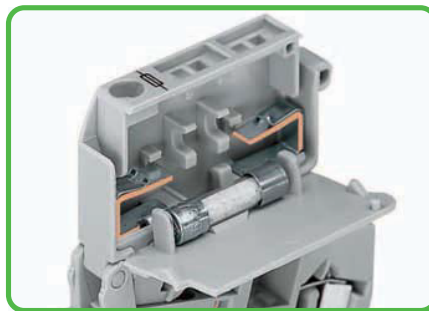8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ Electrical ratings are given by the fuse
(also see pages 234 – 235).

❸ Strip length, see packaging or instructions.

	Item No.	Pack. Unit
Disconnect terminal block with movable disconnect slide link		
gray	**281-624**	50
orange	**281-672**	50

Fuse holders are printed with correct fuse size.

Types 5x20 mm, 5x25 mm and ¼"x1" are fitted with stops on the inside of the cover.

Dimensions in mm

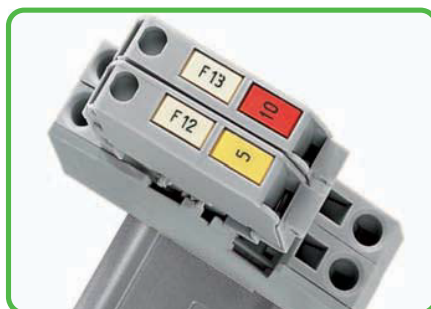## 281 Series Accessories
Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 2.5 mm thick			
	orange	**281-309**	100 (4x25)
	gray	**281-311**	100 (4x25)
Adjacent jumper, insulated, I_N = I_N terminal block			
	gray	**281-402**	200 (8x25)
Collective carrier for adjacent jumpers			
	gray	**209-100**	50 (2x25)
Test plug adapter, 5 mm wide, for terminal blocks 1.5 - 4 mm², for 210-137 test plug 2.3 mm Ø			
	gray	**280-404**	100 (4x25)
Test plug, with 500 mm cable, 2.3 mm Ø			
	yellow	**210-137**	50
Test plug adapter, 6 mm wide, with CAGE CLAMP®, for 0.08 - 2.5 mm², I_N 24 A		**281-407**	100 (4x25)
Push-in type wire jumper, insulated, I_N 9 A, wire size 0.75 mm²			
L = 60 mm		**249-125**	10
L = 110 mm		**249-126**	10
L = 250 mm		**249-127**	10
Interlocking link, mechanically locks multiple links, 1 m/3'3'' long			
	transparent	**210-254**	1
Screwless end stop, for DIN 35 rail, 6 mm wide			
	gray	**249-116**	100 (4x25)
Screwless end stop, for DIN 35 rail, 10 mm wide			
	gray	**249-117**	50 (2x25)

WAGO®

3

❶ 800 V = rated voltage
  8 kV = rated surge voltage
    3 = pollution degree
(also see Section 14)

❷ Electrical ratings are given by the fuse
(also see pages 234 – 235).

❸ Strip length, see packaging or instructions.

A spacer is standard equipment for 10 mm/0.394 in wide fuse terminal blocks. At the end of an assembly, or if there is **no** adjacent fuse terminal block, an end or intermediate plate must be used.

Two marker slots each per fuse holder are available for individual WMB Multi marking.
(example: 8 mm/0.315 in terminal blocks).

Ganging several fuse holders with a connecting strip (example: 8 mm/0.315 in terminal blocks).

281 Series Accessories

Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 2.5 mm thick			
	orange	**281-309**	100 (4x25)
	gray	**281-311**	100 (4x25)
Adjacent jumper, insulated,			
	I_N = I_N terminal block		
	gray	**281-402**	200 (8x25)
Collective carrier for adjacent jumpers			
	gray	**209-100**	50 (2x25)
Test plug adapter, 5 mm wide,			
	for terminal blocks 1.5 - 4 mm²,		
	for 210-137 test plug 2.3 mm Ø		
	gray	**280-404**	100 (4x25)
Test plug,			
	with 500 mm cable,		
	2.3 mm Ø		
	yellow	**210-137**	50
Test plug adapter, 6 mm wide,			
	with CAGE CLAMP®,		
	for 0.08 - 2.5 mm²		
	I_N 24 A	**281-407**	100 (4x25)
Push-in type wire jumper,			
	insulated,		
	I_N 9 A,		
	wire size 0.75 mm²		
	L = 60 mm	**249-125**	10
	L = 110 mm	**249-126**	10
	L = 250 mm	**249-127**	10
Interlocking link,			
	mechanically locks multiple links,		
	1 m/3'3'' long		
	transparent	**210-254**	1
Screwless end stop,			
	for DIN 35 rail,		
	6 mm wide		
	gray	**249-116**	100 (4x25)
Screwless end stop,			
	for DIN 35 rail,		
	10 mm wide		
	gray	**249-117**	50 (2x25)

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