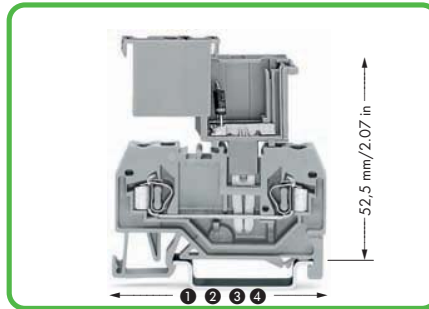


Pluggable Diode Modules on Through Terminal Blocks 2.5 mm² 280 Series

Diode module
with 1N4007 diode
 U_N 250 V, U_{RM} 1000 V
 I_N 1 A
Plug width 10 mm / 0.394 in



Similar to a push-in jumper, these diode modules are simply pushed into the contact slots of the current bars for two adjacent through terminal blocks.

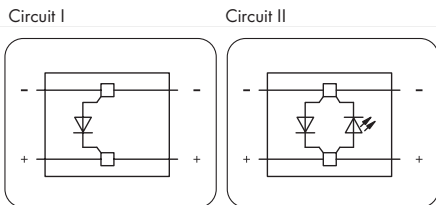
This offers the following advantages:

- The modules are suitable for all 280 Series through terminal blocks.
- Easily retrofit terminal blocks with diode modules.

For terminal blocks with side marking, see www.wagocatalog.com

* AWG 12: THHN, THWN

- 1 Length of 280-901: 53 mm / 2.09 in
2-conductor through terminal block, front-entry
- 2 Length of 280-681: 64 mm / 2.52 in
3-conductor through terminal block, front-entry
- 3 Length of 280-833: 75 mm / 2.95 in
4-conductor through terminal block, front-entry
- 4 Length of 280-101: 42.5 mm / 1.67 in
2-conductor through terminal block, side-entry
- 5 See application notes for:
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200



Further advantages:

- Separation into functional and wiring level
- Modules can be replaced quickly by other types of modules

Item No.	Pack. Unit
Diode module, with 1N4007 diode, 10 mm wide	
280-803/281-411	50
Diode module, with recovery diode 1N4007, additional LED, 10 mm wide	
24 VDC 280-803/281-420	50
48 VDC 280-803/281-421	50

Through Term. Blocks and Accessories

Appropriate marking system:
WMB (see Section 13)

2-conductor through terminal block,	
1 0.08 - 2.5 mm ² / AWG 28 - 12 *, Terminal block width 5 mm / 0.197 in	
gray 280-901	100

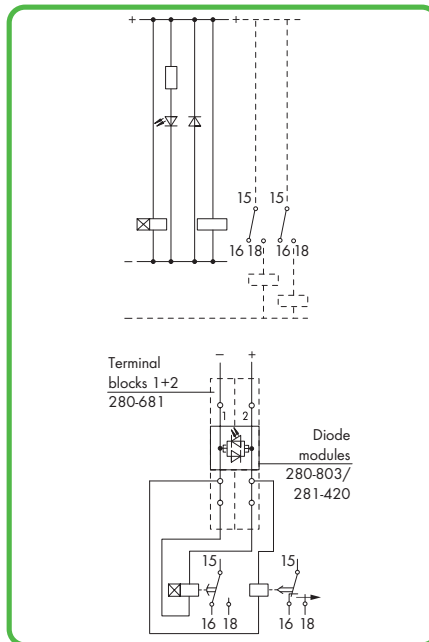
End and intermediate plate, 2.5 mm thick	
orange 280-309	100 (4x25)
gray 280-308	100 (4x25)

3-conductor through terminal block,	
2 0.08 - 2.5 mm ² / AWG 28 - 12 *, Terminal block width 5 mm / 0.197 in	
gray 280-681	100

End and intermediate plate, 2.5 mm thick	
orange 280-326	100 (4x25)
gray 280-324	100 (4x25)

4-conductor through terminal block,	
3 0.08 - 2.5 mm ² / AWG 28 - 12 *, Terminal block width 5 mm / 0.197 in	
gray 280-833	100

End and intermediate plate, 2.5 mm thick	
orange 280-315	100 (4x25)
gray 280-314	100 (4x25)



Free-wheeling diode and voltage check

Accessories

2-conductor through terminal block,	
4 0.08 - 2.5 mm ² / AWG 28 - 12 *, Terminal block width 5 mm / 0.197 in	
gray 280-101	100

End and intermediate plate, 2.5 mm thick	
orange 280-302	100 (4x25)
gray 280-301	100 (4x25)

Insulation stop,	
5 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st")	
white 280-470	200 (8x25)

Insulation stop,	
5 5 pcs/strip, 0.25 - 0.5 mm ²	
light gray 280-471	200 (8x25)

Insulation stop,	
5 5 pcs/strip, 0.75 - 1 mm ²	
dark gray 280-472	200 (8x25)

Adjacent jumper, insulated,	
$I_N = I_N$ terminal block	
gray 280-402	200 (8x25)

Wire commoning chain, 50 connections,	
insulated, I_N 8 A	
black 210-103	1

Wire commoning chain, 50 connections,	
insulated, I_N 8 A	
blue 210-123	1