
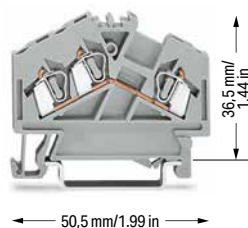


Through/Ground Conductor/Shield Conductor and Ex Terminal Block

2.5 mm²; 280 Series

Technical Data

0.08 ... 2.5 mm ²	28 ... 12 AWG*
800 V/8 kV/3 ①	600 V, 20 A ②
I _N 24 A	
Terminal block width: 5 mm / 0.197 inch	
 8 ... 9 mm / 0.31 ... 0.35 inch	



3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	280-641	100
blue	280-651 ②	100
orange	280-654	100
light gray ③	280-998 ③	100

3-conductor ground terminal block

green-yellow	280-637	100
green-yellow ③	280-637/999-950 ③	100

3-conductor shield terminal block

white	280-640	100
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Accessories; 280 Series

Appropriate marking systems:
WMB/WMB Inline/WFB


End and intermediate plate; 2.5 mm thick

 orange	280-313	100 (25)
gray	280-312	100 (25)
light gray	280-354	100 (25)

Separator; oversized; 2 mm thick

 orange	280-318	100 (25)
gray	280-348	100 (25)
light gray	280-355	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

 120 mm	209-191	50 (25)
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Spacer with same profile; for 3- and 4-conductor terminal blocks (angled type); 5 mm thick

 orange	280-654/056-000	100 (25)
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Insulation stop; 0.08 ... 0.2 mm² "s" (0.14 mm² "f-st"); 5 pcs/strip

 white	280-470	200 (25)
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Insulation stop; 0.25 ... 0.5 mm²; 5 pcs/strip

 light gray	280-471	200 (25)
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Insulation stop; 0.75 ... 1 mm²; 5 pcs/strip

 dark gray	280-472	200 (25)
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* 12 AWG: THHN, THWN


- 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 14)
- Terminal blocks with a blue insulated housing are suitable for Ex i applications.
- Terminal blocks with an Ex mark are suitable for Ex e II applications.
0.2 ... 2.5 mm² / 24 ... 12 AWG*
550 V; 23 A
(see Section 14)
Using staggered jumpers reduces the maximum rated voltage to 275 V.
- Please observe the application notes:
Insulation stop, page 346
Jumpers, from page 348
Comb-style jumper bar, page 347
Testing accessories, from page 342
Marking, from page 588

Approvals and corresponding ratings,
visit www.wago.com


Accessories; 280 Series

Appropriate marking systems:
WMB/WMB Inline/WFB

Adjacent jumper; insulated; I_N = I_N terminal block

 gray	280-402	200 (25)
yellow-green	280-422	200 (25)

Alternate jumper; insulated; I_N = I_N terminal block

 gray	280-409	100 (25)
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Staggered jumper; insulated; 5 mm wide; I_N 24 A

 1 to 2	780-452	100 (25)
1 to 3	780-453	100 (25)
1 to 4	780-454	100 (25)
1 to 5	780-455	50 (25)
1 to 6	780-456	50 (25)
1 to 7	780-457	50 (25)
1 to 8	780-458	50 (25)

Push-in type wire jumper; insulated; 0.75 mm² conductor cross section; I_N 9 A

 L = 60 mm	249-125	100 (10)
L = 110 mm	249-126	100 (10)
L = 250 mm	249-127	100 (10)

Comb-style jumper bar; insulated; I_N = I_N of terminal block

 2-way	280-482	200 (25)
3-way	280-483	200 (25)

Comb-style jumper bar; insulated; I_N = I_N of terminal block

 10-way	280-490	50 (25)
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Alternate comb-style jumper bar; insulated; I_N = I_N of terminal block

 2-way	280-492	200 (25)
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Operating tool; insulated

 2-way	280-432	1
3-way	280-433	1
10-way	280-440	1


Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

 yellow	280-415	100 (25)
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Accessories; 280 Series

Appropriate marking systems:
WMB/WMB Inline/WFB


Test plug module; snaps together; 5 mm wide

 gray	280-418	100 (25)
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Spacer module; snaps together; 5 mm wide

 gray	280-419	100 (25)
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Test plug adapter; 8.3 mm wide; for 4 mm Ø test plug; for 1.5 ... 10 mm² terminal blocks

 gray	209-170	50 (25)
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Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

 215-111	50
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Test plug adapter; 5 mm wide; for 210-137 Test Plug (2.3 mm Ø); for 1.5 ... 4 mm² terminal blocks

 gray	280-404	100 (25)
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Test plug adapter; 6 mm wide; with CAGE CLAMP®; for 0.08 ... 2.5 mm²

 I _N 24 A	281-407	100 (25)
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Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

 red	210-136	50
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Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

 yellow	210-137	50
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WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 ... 5.2 mm stretchable

 white	2009-115	1
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WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

 plain	793-5501	5
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WMB marking card; plain; 10 strips with 10 markers/card; stretchable 5 ... 5.2 mm

 yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

 gray	249-116	100 (25)
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