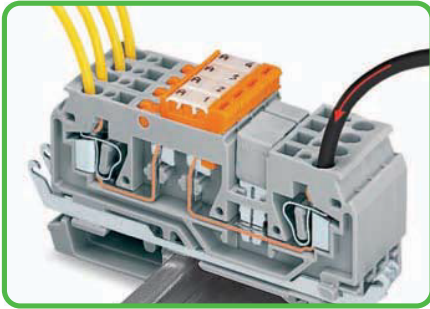
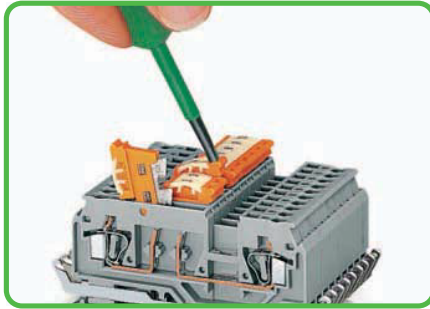


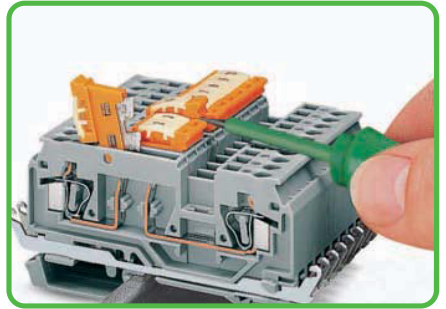
Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect, 280 Series



Power distribution using adjacent jumper. Knife disconnects used to disconnect individual outputs.



Movable Knife disconnect



Movable Knife disconnect clearly indicates circuit state by defined, notched positions "ON" <-> "OFF"

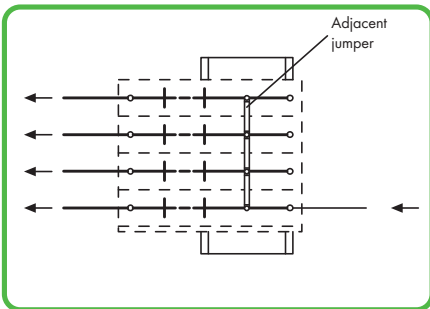
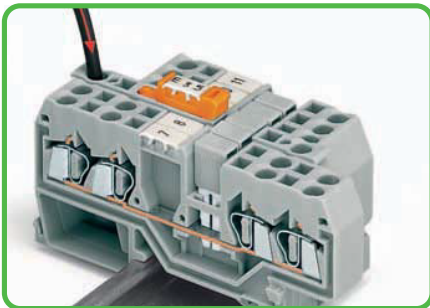
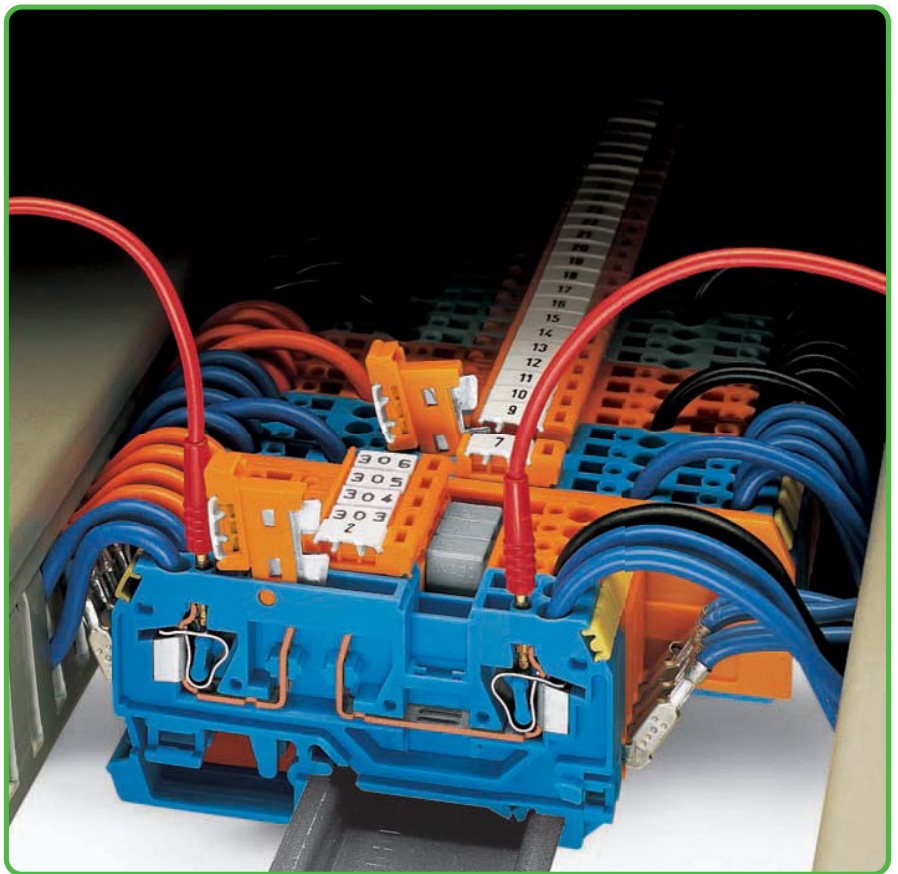


Diagram of the assembly as shown in the above picture.



Power distribution using knife disconnect in supply line, disconnection of all outputs.

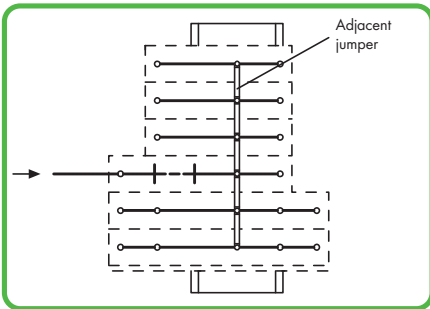
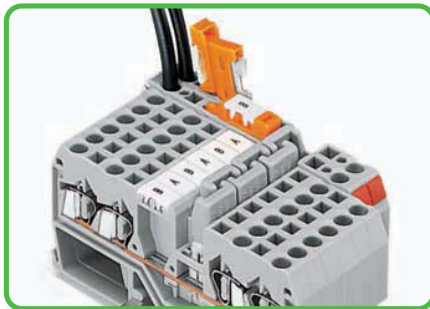


Diagram of the assembly as shown in the above picture.



Staggered jumpers for sophisticated circuit requirements. Push jumpers down firmly until fully inserted.

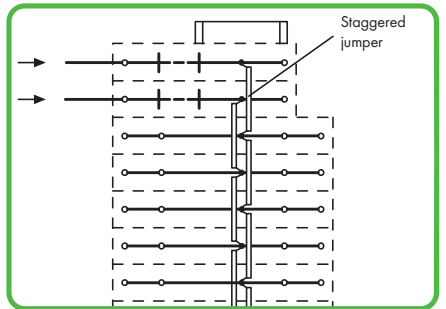


Diagram of the assembly as shown in the picture on the left.



CAGE CLAMP® clamps the following copper conductors:*

solid



stranded



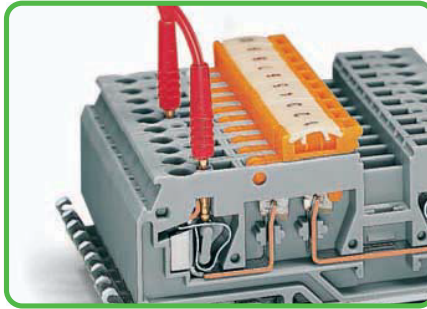
fine-stranded, also with tinned single strands

* For aluminum conductors, see notes in Section 14.

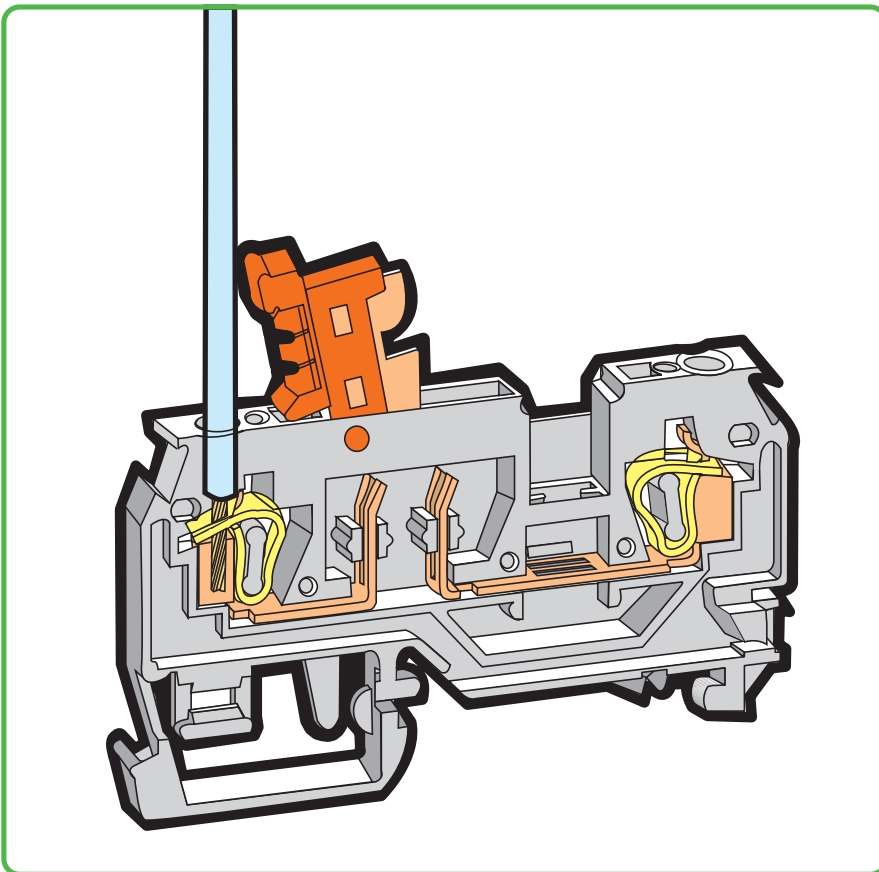
- Description and Handling -



Shield contact:
with solder/crimp quick disconnect terminal
(2.5 x 0.8) mm.



Test slot:
for test plug 2 mm Ø or 2.3 mm Ø - with direct contact
to the current bar.



Terminal block marking:
with WMB (center position) and miniature WSB markers
(on the sides) - also see Section 13.



fine-stranded,
tip-bonded.



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



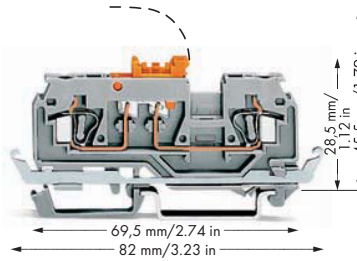
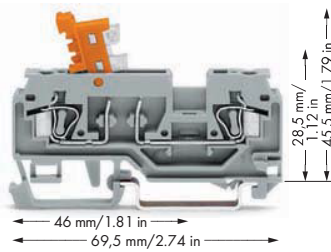
fine-stranded,
with pin terminal
(gas-tight crimped)

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

2-Conductor Disconnect Terminal Blocks for Test and Measurement 280 Series



0.08 - 2.5 mm ² 400 V/6 kV/3 ① I _N 16 A	AWG 28 - 12 * 600 V, 15 A ② 300 V, 15 A ③	0.08 - 2.5 mm ² 250 V/4 kV/3 ① I _N 16 A	AWG 28 - 12 * 600 V, 15 A ② 300 V, 15 A ③
Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ②		Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ②	



- * AWG 12: THHN, THWN
- ① 400 V/250 V = rated voltage
6 kV/4 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex i applications
- ④ See application notes for:
Test plug modules, pages 194 - 196
Banana plug, page 198
Insulation stop, page 199
Comb-style jumper bar, page 200
Operating tool, page 200
Staggered jumper, page 201
Push-in type wire jumper, page 201

Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
2-conductor disconnect terminal block for test and measurement with test slot for test plug 2 mm Ø and 2.3 mm Ø, gray terminal block housing, orange disconnect link ● 280-870 100		2-conductor disconnect terminal block for test and measurement with shield contact and with test slot for test plug 2 mm Ø and 2.3 mm Ø, gray terminal block housing, orange disconnect link ● 280-871 50		Comb-style jumper bar , insulated, I _N = I _N terminal block 10-way 280-490 50 (2x25) Operating tool , of insulating material 10-way 280-440 1 Protective warning marker , with high-voltage symbol, black, for 5 terminal blocks yellow 280-415 100 (4x25) Test plug module , ④ can be snapped together, 5 mm wide gray 280-418 100 (4x25) Spacer module , can be snapped together, 5 mm wide gray 280-419 100 (4x25)
gray terminal block housing, gray disconnect link ● 280-868 100		gray terminal block housing, gray disconnect link ● 280-869 50		
blue terminal block housing, orange disconnect link ● 280-876 ③ 100		orange terminal block housing, orange disconnect link ● 280-880 50		
orange terminal block housing, orange disconnect link ● 280-879 100				
Accessories Appropriate marking systems: WMB/WMB Inline/Miniature WSB (see Section 13)				
End and intermediate plate , 2.5 mm thick orange 280-371 100 (4x25) gray 280-374 100 (4x25)		Staggered jumper , ④ insulated, width 5 mm/0.197 in, I _N 24 A from 1 to 2 780-452 100 (4x25) from 1 to 3 780-453 100 (4x25) from 1 to 4 780-454 100 (4x25) from 1 to 5 780-455 50 (2x25) from 1 to 6 780-456 50 (2x25) from 1 to 7 780-457 50 (2x25) from 1 to 8 780-458 50 (2x25)		Test plug , with 500 mm cable, 2 mm Ø red 210-136 50
Insulation stop , ④ 5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "fst") white 280-470 200 (8x25)				Test plug , with 500 mm cable, 2.3 mm Ø yellow 210-137 50
Insulation stop , ④ 5 pcs/strip, 0.25 - 0.5 mm ² light gray 280-471 200 (8x25)				Test plug adapter , 5 mm wide, for terminal blocks 1.5 - 4 mm ² , for 210-137 test plug 2.3 mm Ø gray 280-404 100 (4x25)
Insulation stop , ④ 5 pcs/strip, 0.75 - 1 mm ² dark gray 280-472 200 (8x25)		Push-in type wire jumper , ④ insulated, I _N 9 A, wire size 0.75 mm ² L = 60 mm 249-125 10 L = 110 mm 249-126 10 L = 250 mm 249-127 10		Test plug adapter , 8.3 mm wide, for terminal blocks 1.5 - 10 mm ² , for test plug 4 mm Ø gray 209-170 50 (2x25)
Adjacent jumper , insulated, I _N = I _N terminal block gray 280-402 200 (8x25) yellow-green 280-422 200 (8x25)				Banana plug , ④ for socket 4 mm Ø, color mixed 215-111 50
Alternate jumper , insulated, I _N = I _N terminal block gray 280-409 100 (4x25)		Alternate comb-style jumper bar , insulated, I _N = I _N terminal block 2-way 280-492 200 (8x25)		WMB Multi marking system , 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5
Comb-style jumper bar , insulated, ④ I _N = I _N terminal block 2-way 280-482 200 (8x25) 3-way 280-483 200 (8x25)		Operating tool , of insulating material 2-way 280-432 1 3-way 280-433 1		Miniature WSB Quick marking system , 10 strips with 10 markers per card, 5 mm wide markers plain 248-501 5