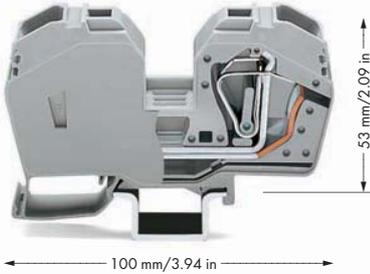


Through/Ground Conductor and Terminal Blocks 35 mm² 285 Series

CAGE CLAMP®

6 - 35 mm² AWG 8 - 2
 1000 V/8 kV/3 ① 600 V, 115 A[Ⓜ]
 I_N 125 A 600 V, 140 A[Ⓢ]
 Terminal block width 16 mm / 0.63 in
 23 mm / 0.91 in ②



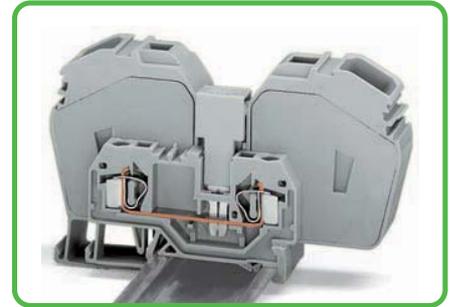
Terminating a 35 mm²/AWG 2 conductor.

- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Suitable for Ex e II applications
6 mm² - 35 mm²/AWG 8 - 2
750 V, 85 A
6 mm² - 25 mm²/AWG 8 - 4
for ground conductor terminal blocks
(also see Section 14)

| Item No. | Pack. Unit |
|---|------------|
| 2-conductor through terminal block, with integrated end plate | |
| gray 285-635 | 15 |
| blue 285-634 | 15 |
| light gray 285-992 | 15 |
| 2-conductor ground terminal block, with integrated end plate | |
| green-yellow 285-637 | 15 |
| green-yellow 285-637/999-950 | 15 |
| Notice: | |
| Not to be used on DIN 35 x 7.5 rail. | |
| 285 Series Accessories | |
| Appropriate marking systems: WMB/Mini-WSB/WFB | |
| Adjacent jumper, insulated, | |
| I _N 85 A gray 285-435 | 50 (2x25) |
| Step-down jumper, insulated, | |
| I _N 32 A gray 283-414 | 50 (2x25) |
| Protective warning marker, | |
| with high-voltage symbol, black, for 5 terminal blocks yellow 285-416 | 50 (2x25) |
| Finger guard, | |
| touchproof cover protects unused conductor entries yellow 285-401 | 100 |
| Screwless end stop, | |
| for DIN 35 rail, 6 mm/0.236 in wide gray 249-116 | 100 (4x25) |
| Screwless end stop, | |
| for DIN 35 rail, 10 mm/0.394 in wide gray 249-117 | 50 (2x25) |



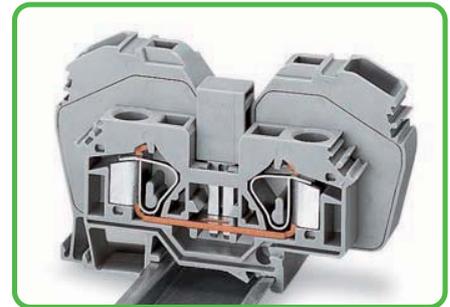
Protective warning markers inserted into the operating slots.



Commoning a 285 Series terminal block (35 mm²/AWG 2) with a 281 Series terminal block (4 mm²/AWG 12) using a 283-414 step-down jumper. Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers.
 Note:
The total current flowing shall not exceed the rating of the step-down jumper.



Inserting a finger guard seals unused conductor entries.



285 Series terminal blocks can be commoned with 283 Series terminal blocks: 285-635 or 285-634 with 283-601 or 283-604 (for terminal blocks with side marking, see www.wagocatalog.com). Jumper required: 285-435.

Please note that the nominal current of adjacent jumper shall not exceed 63A.

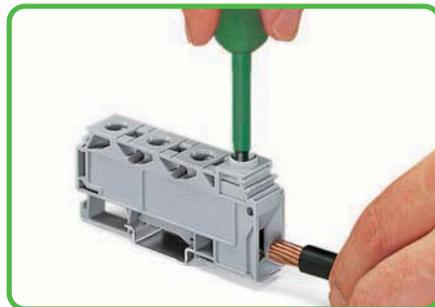
Distribution Terminal blocks 3 x 10 mm² CAGE CLAMP® Connection and 1 x 35 mm² Screw Clamp Connection 284 Series

CAGE CLAMP®

3

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0.2 - 10 mm² ① AWG 24 - 8
 6 - 35 mm² ② AWG 10 - 2
 800 V/8 kV/3 ③ 600 V, 115 A Ⅲ
 I_N 125 A 600 V, 110 A ④
 Terminal block width 17.5 mm / 0.689 in
 12 - 14 mm / 0.51 in ④



Terminating a 35 mm²/AWG 2 conductor.
Screw clamp connection, side-entry wiring.



- ① CAGE CLAMP® connection
- ② Screw clamp termination
- ③ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ④ Strip length, see packaging or instructions.
- ⑤ Individual arrangement: 125 A
Two jumpers combined in one clamping unit: 100 A

3

| Item No. | Pack. Unit |
|---|------------|
| Distribution terminal block, with 3 x CAGE CLAMP® connection 10 mm ² and 1 x screw clamp connection 35 mm ² , Screw torque: 3.5 Nm | |
| gray 284-621 | 15 |
| blue 284-624 | 15 |

Accessories for Distribution Terminal Blocks

Appropriate marking system: WMB

| | |
|---|------------|
| Comb-style jumper bar, insulated, ⑤ | |
| I _N 125 A for 1 jumper, | |
| I _N 100 A for 2 jumpers | |
| gray 284-412 | 100 (4x25) |

| | |
|--|------------|
| Screwless end stop, for DIN 35 rail, 6 mm/0.236 in wide | |
| gray 249-116 | 100 (4x25) |

| | |
|---|-----------|
| Screwless end stop, for DIN 35 rail, 10 mm/0.394 in wide | |
| gray 249-117 | 50 (2x25) |



Terminating a 10 mm²/AWG 8 conductor
CAGE CLAMP® connection, front-entry wiring.



Commoning with comb-style jumper bar.



Rail-mounted distribution terminal block with 35 mm²/AWG 35 screw clamp connection (front-entry) and 3 x 10 mm²/AWG 8 front-entry CAGE CLAMP® connection.

Snaps onto DIN 35 carrier rails per EN 60675. The terminal block enclosed on both sides, an end or intermediate plate is not necessary.

In case of maximum wiring with 3 x 10 mm²/AWG 8 on the distribution side the nominal current of 125A shall not be exceeded.