

Data Sheet | Item Number: 826-160/000-006

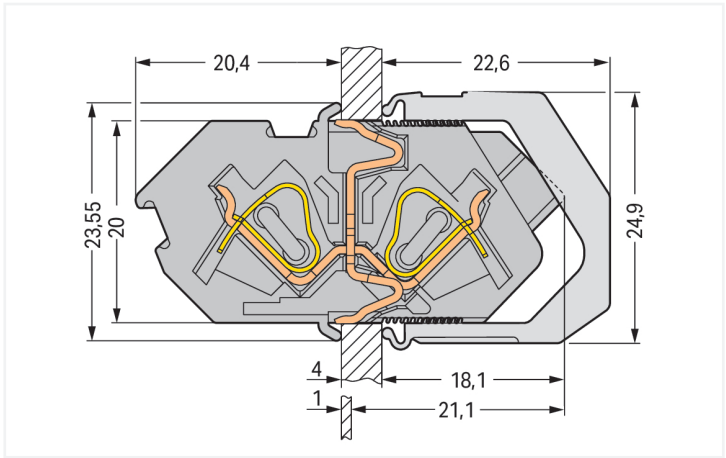
Modular, panel feedthrough center terminal block; Conductor/conductor connection; Plate thickness: 1 ... 4 mm; 4 mm²; Pin spacing 7 mm; 1-pole; CAGE CLAMP®; 4,00 mm²; blue

<https://www.wago.com/826-160/000-006>



Color: ■ blue

Similar to illustration



Dimensions in mm

Cut-out dimensions: H = 20.1+0.1 mm; L = (pole no. x 7 mm) + 1.6+0.1 mm

Durchführungsklemme Serie 826 mit CAGE CLAMP®

Die Durchführungsklemme mit der Artikelnummer 826-160/000-006 ermöglicht einen schnellen und zuverlässigen Anschluss. Mit unseren Durchführungsklemmen bekommen Sie ein universelles Steckverbindersystem, das vielseitig eingesetzt werden kann: als Leiterplatten-Steckverbinder, als Durchführungssteckverbinder, als fliegende Steckverbindung für verschiedene Montagearten oder als Steckverbinder auf Reihenklemmen. Für den Leiteranschluss werden bei dieser Durchführungsklemme Abisolierlängen von 9 bis 10 mm benötigt. Bei diesem Produkt mit seinen 2 Leiteranschlüssen wird die CAGE CLAMP®-Technologie genutzt. Der zuverlässige und wartungsfreie CAGE CLAMP® Universalanschluss bietet die Möglichkeit, alle Arten von Leitern mit einer Käfigzugfeder anzuschließen, ohne, dass eine Vorbehandlung der Leiter erforderlich ist. Das Aufcrimpen von Aderendhülsen kann somit entfallen. In Breite x Höhe x Tiefe betragen die Abmessungen (7 x 23,55 x 42,5) mm. Diese Durchführungsklemme ist in Abhängigkeit von der Leiterart für Leiterquerschnitte von 0,08 mm² bis 4 mm² geeignet. Für die Oberfläche der Kontakte wurde Zinn eingesetzt. Für diese Durchführungsklemme erfolgt die Betätigung per Betätigungswerkzeug.

| Notes     |                                                                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Other pole numbers<br>Other colors<br>Direct marking<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |

| Electrical data            |  |                                                                                                                        |       |       |
|----------------------------|--|------------------------------------------------------------------------------------------------------------------------|-------|-------|
| Ratings per                |  | IEC/EN 60664-1                                                                                                         |       |       |
| Overvoltage category       |  | III                                                                                                                    | III   | II    |
| Pollution degree           |  | 3                                                                                                                      | 2     | 2     |
| Nominal voltage            |  | 320 V                                                                                                                  | 320 V | 630 V |
| Rated surge voltage        |  | 4 kV                                                                                                                   | 4 kV  | 4 kV  |
| Rated current              |  | 32 A                                                                                                                   | 32 A  | 32 A  |
| Ratings per IEC/EN – Notes |  | Ratings (note)                                                                                                         |       |       |
|                            |  | Suitable for neutral-grounded, three-phase, 4-wire systems rated at 400 V (conductor-to-conductor) per IEC/EN 60664-1. |       |       |
| Approvals per              |  | UL 1059                                                                                                                |       |       |
| Use group                  |  | B                                                                                                                      | C     | D     |
| Rated voltage              |  | 300 V                                                                                                                  | 150 V | 300 V |
| Rated current              |  | 20 A                                                                                                                   | 20 A  | 10 A  |
| Approvals per              |  | CSA                                                                                                                    |       |       |
| Use group                  |  | B                                                                                                                      | C     | D     |
| Rated voltage              |  | 300 V                                                                                                                  | 150 V | 300 V |
| Rated current              |  | 20 A                                                                                                                   | 20 A  | 10 A  |



Connection data

|                            |   |                                                   |                                    |
|----------------------------|---|---------------------------------------------------|------------------------------------|
| Clamping units             | 2 | Connection 1                                      |                                    |
| Total number of potentials | 1 | Connection technology                             | CAGE CLAMP®                        |
| Number of connection types | 2 | Actuation type                                    | Operating tool                     |
| Number of levels           | 1 | Solid conductor                                   | 0.08 ... 4 mm² / 28 ... 12 AWG     |
|                            |   | Fine-stranded conductor                           | 0.08 ... 4 mm² / 28 ... 12 AWG     |
|                            |   | Fine-stranded conductor; with insulated ferrule   | 0.25 ... 2.5 mm²                   |
|                            |   | Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm²                   |
|                            |   | Strip length                                      | 9 ... 10 mm / 0.35 ... 0.39 inches |
|                            |   | Pole number                                       | 1                                  |

Physical data

|             |                         |
|-------------|-------------------------|
| Pin spacing | 7 mm / 0.276 inches     |
| Width       | 7 mm / 0.276 inches     |
| Height      | 23.55 mm / 0.927 inches |
| Depth       | 42.5 mm / 1.673 inches  |

Mechanical data

|                         |                                       |
|-------------------------|---------------------------------------|
| Housing sheet thickness | 1 ... 4 mm / 0.039 ... 0.157 inches   |
| Mounting type           | Locking claw<br>Feed-through mounting |

Material data

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | blue                                                                     |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Clamping spring material           | Chrome-nickel spring steel (CrNi)                                        |
| Contact material                   | Electrolytic copper (E <sub>cu</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.11 MJ                                                                  |
| Weight                             | 4.7 g                                                                    |

Environmental requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
| Processing temperature  | -35 ... +60 °C  |

Commercial data

|                       |                                |
|-----------------------|--------------------------------|
| Product Group         | 4 (Printed Circuit Connectors) |
| eCl@ss 10.0           | 27-14-11-06                    |
| eCl@ss 9.0            | 27-14-11-06                    |
| ETIM 9.0              | EC001284                       |
| ETIM 8.0              | EC001284                       |
| PU (SPU)              | 50 (25) pcs                    |
| Packaging type        | Box                            |
| Country of origin     | DE                             |
| GTIN                  | 4044918532464                  |
| Customs tariff number | 85369010000                    |



| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

Approvals / Certificates

| General approvals                                                                |          |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|----------------------------------------------------------------------------------|----------|------------------|------------------------------------------------------------|----------|------------------|
|  |          |                  |                                                            |          |                  |
| Approval                                                                         | Standard | Certificate Name | Approval                                                   | Standard | Certificate Name |
| CCA<br>DEKRA Certification B.V.                                                  | -        | 2160584.32       | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CCA<br>DEKRA Certification B.V.                                                  | -        | NTR NL-7136      | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| UL<br>UL International Germany<br>GmbH                                           | UL 1059  | E45172           |                                                            |          |                  |

Approvals for marine applications

|  |          |                  |
|----------------------------------------------------------------------------------|----------|------------------|
| Approval                                                                         | Standard | Certificate Name |
| ABS<br>American Bureau of Ship-<br>ping                                          | EN 60947 | 20-HG1941090-PDA |
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd                            | -        | TAE00001V2       |

Downloads

| Environmental Product Compliance                       |                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| Compliance Search                                      |                                                                                     |
| Environmental Product<br>Compliance<br>826-160/000-006 |  |

Documentation

| Additional Information |            |                   |                                                                                     |
|------------------------|------------|-------------------|-------------------------------------------------------------------------------------|
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |



| CAD/CAE-Data                                                                 |                                                                                                                                            |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <div>CAD data</div> <div>2D/3D Models<br/>826-160/000-006</div> <div>↓</div> | <div>CAE data</div> <div>EPLAN Data Portal<br/>826-160/000-006</div> <div>↓</div> <div>ZUKEN Portal<br/>826-160/000-006</div> <div>↓</div> |

| 1 Compatible Products    |
|--------------------------|
| 1.1 Required Accessories |
| 1.1.1 End plate          |
| 1.1.1.1 End plate        |



[Item No.: 826-158/000-006](#)  
End plate; snap-fit type; 1.5 mm thick; blue



[Item No.: 826-158](#)  
End plate; snap-fit type; 1.5 mm thick; gray



[Item No.: 826-158/000-016](#)  
End plate; snap-fit type; 1.5 mm thick; green-yellow

| 1.1.2 Installation           |
|------------------------------|
| 1.1.2.1 Mounting accessories |



[Item No.: 826-155](#)  
Locking cover; 1-pole; gray



[Item No.: 826-156](#)  
Locking cover; 2-pole; gray



[Item No.: 826-157](#)  
Locking cover; 3-pole; gray

| 1.2 Optional Accessories |
|--------------------------|
| 1.2.1 Ferrule            |
| 1.2.1.1 Ferrule          |



[Item No.: 216-241](#)  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



[Item No.: 216-141](#)  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-242](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



[Item No.: 216-262](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



[Item No.: 216-142](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-243](#)  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



[Item No.: 216-263](#)  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



[Item No.: 216-143](#)  
Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-244](#)  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



[Item No.: 216-264](#)  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



[Item No.: 216-284](#)  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



[Item No.: 216-144](#)  
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



1.2.1.1 Ferrule



**Item No.: 216-246**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-266**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-286**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

**Item No.: 216-106**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored

1.2.2 Marking

1.2.2.1 Marking strip



**Item No.: 210-332/700-103**  
Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

**Item No.: 210-332/700-102**  
Marking strips; as a DIN A4 sheet; MARKED; 12-1 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.2.3 Test and measurement

1.2.3.1 Testing accessories



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red

1.2.4 Tool

1.2.4.1 Operating tool

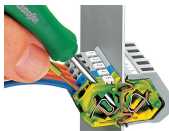


**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

**Item No.: 210-657**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

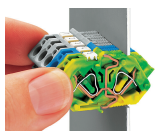
Installation Notes

Conductor termination



Inserting a conductor.

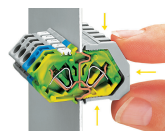
## Installation



Insert the terminal strip into the cutout until the stop hits the enclosure wall.



Secure the terminal strip to the inner side of the cutout via retaining clips.



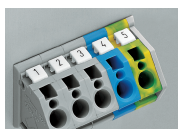
Push retaining clips until stop and press together in the direction of the terminal strip center.

## Testing

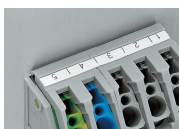


Testing with 2 mm or 2.3 mm Ø test plug.

## Marking

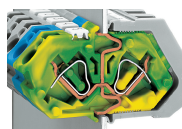


Labeling via Mini-WSB makers – directly on the terminal blocks.



Self-adhesive marking strips adhere directly on the retaining clips.

## Application



Automatic, double contact of the ground contact to the enclosure wall