

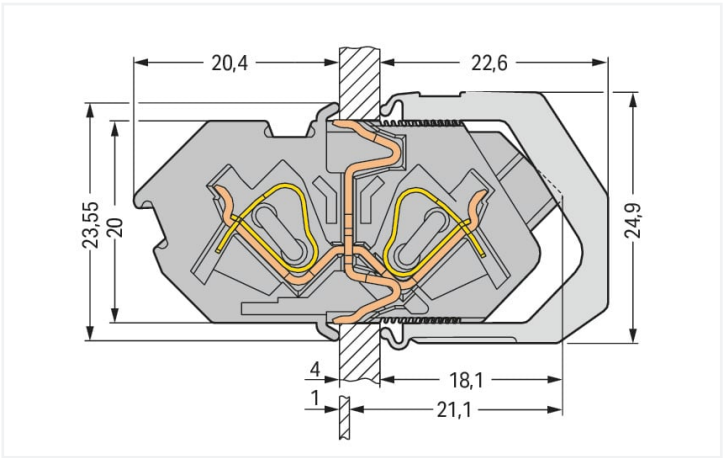
Data Sheet | Item Number: 826-160

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; gray

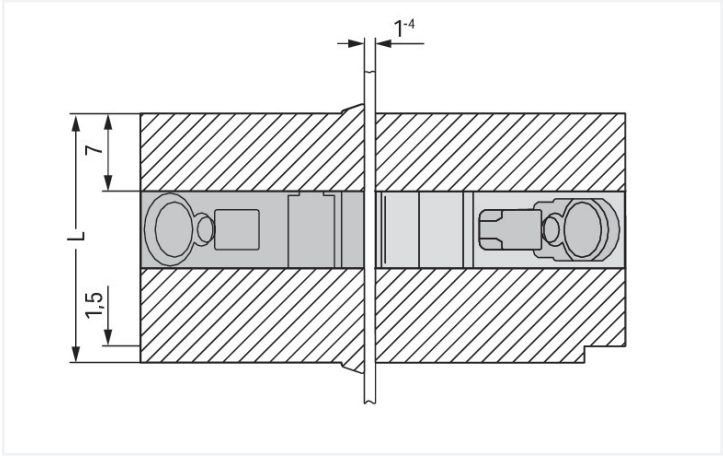
<https://www.wago.com/826-160>



Color: ■ gray



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



- Feedthrough terminal blocks with screwdriver-actuated CAGE CLAMP® on both sides
- Easy, tool-free installation
- Direct ground contact with enclosure/panel
- Test ports available on both sides

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

Electrical data				Ratings per IEC/EN – Notes	
Ratings per		IEC/EN 60664-1		Ratings (note)	Suitable for neutral-grounded, three-phase, 4-wire systems rated at 400 V (conductor-to-conductor) per IEC/EN 60664-1.
Overvoltage category		III	III		
Pollution degree		3	2		
Nominal voltage		320 V	320 V		
Rated surge voltage		4 kV	4 kV		
Rated current		32 A	32 A		



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			
Connection points	2	<b>Connection 1</b>	
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 Feed-through mounting

Material data	
Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	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	4.5 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 8.0	EC001284	
ETIM 7.0	EC001284	
PU (SPU)	50 (25) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4044918532631	
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
CCA	-	2160584.32	EU-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
WAGO GmbH & Co. KG					
CCA	-	NTR NL-7136	UK-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
WAGO GmbH & Co. KG					
UL	UL 1059	E45172			
UL International Germany GmbH					

Approvals for marine applications		
		
Approval	Standard	Certificate Name
ABS	EN 60947	20-HG1941090-PDA
American Bureau of Ship-		
ping		
DNV GL	-	TAE00001V2
Det Norske Veritas, Ger-		
manischer Lloyd		
LR	IEC 61984	96/20035 (E5)
Lloyds Register		



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 826-160

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Documentation

Additional Information

Technical Section

03.04.2019

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2027.26 KB

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CAD data

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CAE data

EPLAN Data Portal 826-160

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ZUKEN Portal 826-160

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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; 3-pole; gray



1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule

 <b>Item No.: 216-321</b> Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	 <b>Item No.: 216-151</b> Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated	 <b>Item No.: 216-131</b> Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored	 <b>Item No.: 216-322</b> Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise
 <b>Item No.: 216-132</b> Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated	 <b>Item No.: 216-152</b> Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated	 <b>Item No.: 216-241</b> 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	 <b>Item No.: 216-221</b> Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white
 <b>Item No.: 216-141</b> Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 <b>Item No.: 216-121</b> Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored	 <b>Item No.: 216-242</b> 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	 <b>Item No.: 216-262</b> 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
 <b>Item No.: 216-222</b> Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	 <b>Item No.: 216-142</b> Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 <b>Item No.: 216-122</b> Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored	 <b>Item No.: 216-243</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red
 <b>Item No.: 216-263</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	 <b>Item No.: 216-223</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	 <b>Item No.: 216-143</b> Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 <b>Item No.: 216-123</b> Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored
 <b>Item No.: 216-224</b> Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	 <b>Item No.: 216-244</b> 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	 <b>Item No.: 216-264</b> 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	 <b>Item No.: 216-284</b> 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
 <b>Item No.: 216-124</b> Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	 <b>Item No.: 216-144</b> Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored	 <b>Item No.: 216-246</b> 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	 <b>Item No.: 216-266</b> 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
 <b>Item No.: 216-286</b> 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	 <b>Item No.: 216-106</b> Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; 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



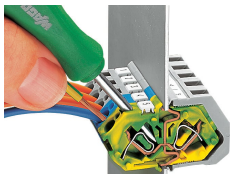
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



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

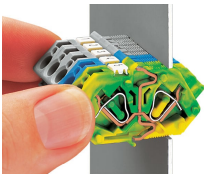
Installation Notes

Conductor termination

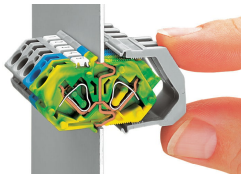


Inserting a conductor.

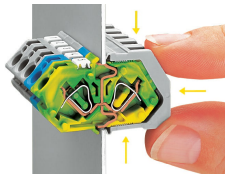
Installation



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.



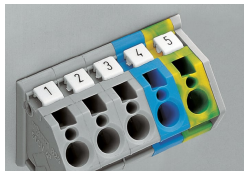
Push retaining clips until stop and press together in the direction of the terminal strip center.

## Testing

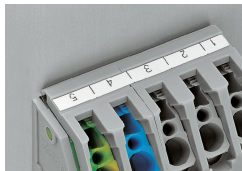


Testing with 2 mm or 2.3 mm Ø test plug.

## Marking

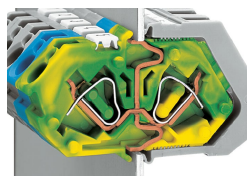


Labeling via Mini-WSB makers – directly on the terminal blocks.



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

## Application



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