

Data Sheet | Item Number: 226-112

Feedthrough terminal block; Conductor/wire-wrap connection; Plate thickness: 1.5 mm; 4 mm²; Pin spacing 6 mm; 1-pole; CAGE CLAMP®; 4,00 mm²; gray

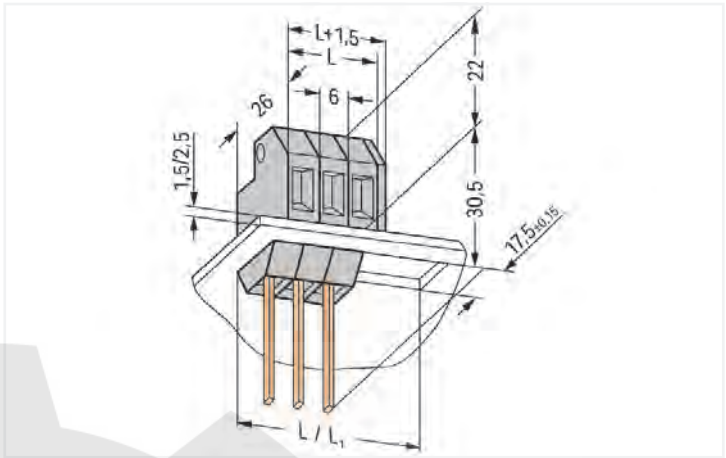


<https://www.wago.com/226-112>



Color: gray

Similar to illustration



Dimensions in mm
L = pole no. x 6 mm
L1 = L + 1.5 mm

- Modular through terminal blocks with screwdriver-actuated CAGE CLAMP®
- Tool-free insertion into sheet metal cutout
- Conductor entry parallel to enclosure wall saves space

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60664-1	Rated voltage UL (Use Group B)	300 V
Bemessungsdaten_Instanzen_Bezeichnung_01	Wire-wrap pin	Rated current UL (Use Group B)	4 A
Nominal voltage (III/3)	320 V	Rated voltage UL (Use Group C)	300 V
Rated impulse voltage (III/3)	4 kV	Rated current UL (Use Group C)	4 A
Rated voltage (III/2)	320 V	Rated voltage UL (Use Group D)	600 V
Rated impulse voltage (III/2)	4 kV	Rated current UL (Use Group D)	4 A
Nominal voltage (II/2)	630 V		
Rated surge voltage (II/2)	4 kV		
Rated current	4 A		
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2		
Ratings per CSA			
Rated voltage CSA (Use Group B)	300 V		
Rated current CSA (Use Group B)	4 A		
Rated current CSA (Use Group C)	4 A		
Rated voltage CSA (Use Group D)	600 V		
Rated current CSA (Use Group D)	4 A		

Connection data

Connection points	1
Total number of potentials	1
Number of connection types	2
Number of levels	1

Connection 1

Connection technology	CAGE CLAMP®
Number of connection points	1
Actuation type	Operating tool
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

Connection 2

Connection technology 2	Wire-wrap pin
Number of connection points 2	1

Physical data

Pin spacing	6 mm / 0.236 inches
Width	6 mm / 0.236 inches
Height	52.5 mm / 2.067 inches
Height from the surface	22 mm / 0.866 inches
Depth	26 mm / 1.024 inches

Mechanical Data

Housing sheet thickness	2.5 ... 2.5 mm / 0.098 ... 0.098 inches
Mounting type	Snap-in foot Feed-through mounting

Material Data

Note (material data)	Information on material specifications can be found here
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 _{Cu})
Contact plating	Tin
Fire load	0.054 MJ
Weight	3.4 g

Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-14-11-34
eCl@ss 9.0	27-14-11-34
ETIM 8.0	EC001283
ETIM 7.0	EC001283
PU (SPU)	150 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4045454069186
Customs tariff number	85369010000


Approvals / Certificates					
General approvals			Approvals for marine applications		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	70010891	BV Bureau Veritas S.A.	EN 60947	07436/F0 BV
UL UL International Germany GmbH	UL 1059	E45172			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 226-112	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	

CAD/CAE-Data



CAE data	
EPLAN Data Portal 226-112	
WSCAD Universe 226-112	

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 226-120
End plate; for 400 V, cut-out dimensions L1; 1.5 mm thick; gray



Item No.: 226-110
End plate; for 630 V, cut-out dimensions L1; 1.5 mm thick; gray

1.1.2 Installation

1.1.2.1 Intermediate plate



Item No.: 226-109
Spacer; for plate thickness 1.5 mm; 6 mm wide; gray



Item No.: 226-119
Spacer; for plate thickness 2.5 mm; 6 mm wide; 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



<p>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</p>	<p>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</p>	<p>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</p>	<p>Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored</p>
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1.2.2 Test and measurement

1.2.2.1 Testing accessories



<p>Item No.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red</p>

1.2.3 Tool

1.2.3.1 Operating tool



<p>Item No.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured</p>	<p>Item No.: 210-657 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured</p>
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Installation Notes

Installation



<p>Snapping a feedthrough terminal block (226 Series) into the cutout.</p>
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Testing



<p>Testing with 2 mm Ø test plug – touch contact.</p>
