4-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow

https://www.wago.com/2022-1807

WAGO
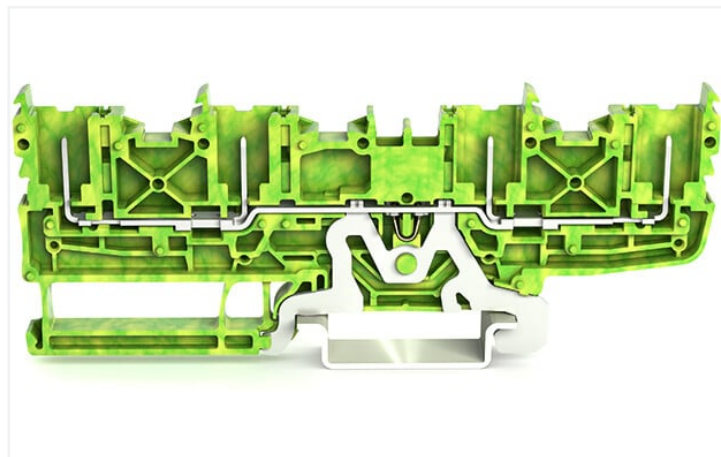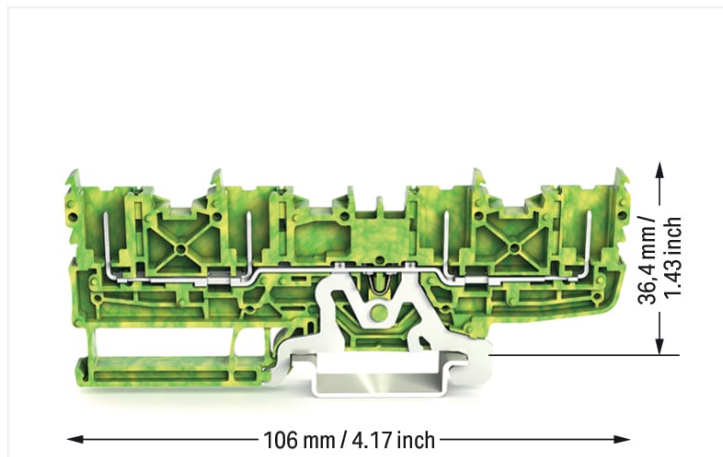
Color: ■ green-yellow

Electrical data

Ratings per	IEC/EN 60947-7-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated surge voltage	-	-	-
Rated current	-	-	-

Connection data

Female plug slots	4
Total number of potentials	1
Number of levels	1

Physical data

Width	5.2 mm / 0.205 inches
Height	106 mm / 4.173 inches
Depth from upper-edge of DIN-rail	32.5 mm / 1.28 inches

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0 MJ
Weight	14.7 g

Environmental requirements

Continuous operating temperature	-60 ... +105 °C

Commercial data

ETIM 8.0	EC000901
ETIM 7.0	EC000901
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143927123
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	C22.2 No. 158	2437422
CCA DEKRA Certification B.V.	EN 60947	NTR CCA NL-7864
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-116567
UL Underwriters Laboratories Inc.	UL 1059	E45172

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Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 2022-1807			↓

Documentation					
Additional Information			**Bid Text**		
Technical Section	pdf 2240.62 KB	↓	2022-1807	20.05.2019	xml 4.12 KB	↓
			2022-1807	20.05.2019	docx 15.04 KB	↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

Item No.: 2022-101
1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 1-pole; 4,00 mm²; gray

Item No.: 2022-101/000-016
1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 1-pole; 4,00 mm²; green-yellow

1.2 Required Accessories

1.2.1 End plate

1.2.1.1 End plate

Item No.: 2022-1891
End plate; 1 mm thick; gray

Item No.: 2022-1892
End plate; 1 mm thick; orange

1.3 Optional Accessories

1.3.1 Coding

1.3.1.1 Coding

Item No.: 2022-100
Carrier with 6 coding pins; for coding of female plugs; orange

1.3.2 DIN-rail

1.3.2.1 Mounting accessories

Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored

Item No.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.3.3 Jumper

1.3.3.1 Jumper

Item No.: 2002-400
Continuous jumper; 2-way; insulated; light gray

Item No.: 2002-423/000-006
Continuous jumper; from 1 to 3; insulated; blue

Item No.: 2002-423
Continuous jumper; from 1 to 3; insulated; light gray

Item No.: 2002-423/000-005
Continuous jumper; from 1 to 3; insulated; red

Item No.: 2002-424/000-006
Continuous jumper; from 1 to 4; insulated; blue

Item No.: 2002-424
Continuous jumper; from 1 to 4; insulated; light gray

Item No.: 2002-424/000-005
Continuous jumper; from 1 to 4; insulated; red

Item No.: 2002-406/020-000
Delta jumper; insulated; light gray

Item No.: 2002-410/000-006
Jumper; 10-way; insulated; blue

Item No.: 2002-410
Jumper; 10-way; insulated; light gray

Item No.: 2002-410/000-005
Jumper; 10-way; insulated; red

Item No.: 2002-402/000-006
Jumper; 2-way; insulated; blue

Item No.: 2002-402
Jumper; 2-way; insulated; light gray

Item No.: 2002-402/000-005
Jumper; 2-way; insulated; red

Item No.: 2002-403/000-006
Jumper; 3-way; insulated; blue

Item No.: 2002-403
Jumper; 3-way; insulated; light gray

Item No.: 2002-403/000-005
Jumper; 3-way; insulated; red

Item No.: 2002-404/000-006
Jumper; 4-way; insulated; blue

Item No.: 2002-404
Jumper; 4-way; insulated; light gray

Item No.: 2002-404/000-005
Jumper; 4-way; insulated; red

Item No.: 2002-405/000-006
Jumper; 5-way; insulated; blue

Item No.: 2002-405
Jumper; 5-way; insulated; light gray

Item No.: 2002-405/000-005
Jumper; 5-way; insulated; red

Item No.: 2002-406/000-006
Jumper; 6-way; insulated; blue

Item No.: 2002-406
Jumper; 6-way; insulated; light gray

Item No.: 2002-406/000-005
Jumper; 6-way; insulated; red

Item No.: 2002-407/000-006
Jumper; 7-way; insulated; blue

Item No.: 2002-407
Jumper; 7-way; insulated; light gray

Item No.: 2002-407/000-005
Jumper; 7-way; insulated; red

Item No.: 2002-408/000-006
Jumper; 8-way; insulated; blue

Item No.: 2002-408
Jumper; 8-way; insulated; light gray

Item No.: 2002-408/000-005
Jumper; 8-way; insulated; red

Item No.: 2002-409/000-006
Jumper; 9-way; insulated; blue

Item No.: 2002-409
Jumper; 9-way; insulated; light gray

Item No.: 2002-409/000-005
Jumper; 9-way; insulated; red

Item No.: 2002-440
Jumper; from 1 to 10; insulated; light gray

Item No.: 2002-433
Jumper; from 1 to 3; insulated; light gray

Item No.: 2002-434
Jumper; from 1 to 4; insulated; light gray

Item No.: 2002-435
Jumper; from 1 to 5; insulated; light gray

Item No.: 2002-436
Jumper; from 1 to 6; insulated; light gray

1.3.3.1 Jumper

Item No.: 2002-437	Item No.: 2002-438	Item No.: 2002-439	Item No.: 2002-480
Jumper; from 1 to 7; insulated; light gray	Jumper; from 1 to 8; insulated; light gray	Jumper; from 1 to 9; insulated; light gray	Staggered jumper; 10-way; insulated; light gray
Item No.: 2002-481	Item No.: 2002-482	Item No.: 2002-473/011-000	Item No.: 2002-472
Staggered jumper; 11-way; insulated; light gray	Staggered jumper; 12-way; insulated; light gray	Staggered jumper; 2-way; from 1 to 3; insulated; light gray	Staggered jumper; 2-way; insulated; light gray
Item No.: 2002-473	Item No.: 2002-475/011-000	Item No.: 2002-474	Item No.: 2002-475
Staggered jumper; 3-way; insulated; light gray	Staggered jumper; 3-way; insulated; light gray	Staggered jumper; 4-way; insulated; light gray	Staggered jumper; 5-way; insulated; light gray
Item No.: 2002-476	Item No.: 2002-477	Item No.: 2002-478	Item No.: 2002-479
Staggered jumper; 6-way; insulated; light gray	Staggered jumper; 7-way; insulated; light gray	Staggered jumper; 8-way; insulated; light gray	Staggered jumper; 9-way; insulated; light gray
Item No.: 2002-477/011-000	Item No.: 2002-479/011-000	Item No.: 2002-481/011-000	Item No.: 2002-405/011-000
Staggered jumper; insulated; light gray	Staggered jumper; insulated; light gray	Staggered jumper; insulated; light gray	Star point jumper; 3-way; insulated; light gray

1.3.4 Marking

1.3.4.1 Group marker carrier

Item No.: 2009-191	Item No.: 2009-192	Item No.: 2009-193
Group marker carrier; gray	Group marker carrier; gray	Group marker carrier; gray

1.3.4.2 Marker

Item No.: 2009-145	Item No.: 248-501	Item No.: 793-5501	Item No.: 2009-115
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.3.4.3 Marker carrier

Item No.: 2002-161	Item No.: 2009-198
Adaptor; gray	Adaptor; gray

1.3.4.4 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.3.5 Push-in type wire jumper

1.3.5.1 Jumper

Item No.: 2009-414
Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

Item No.: 2009-414/000-005
Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

Item No.: 2009-416
Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black

Item No.: 2009-414/000-006
Push-in type wire jumper; insulated; 110 mm long; black

Item No.: 2009-412
Push-in type wire jumper; insulated; 60 mm long; black

1.3.6 Screwless end stop

1.3.6.1 Mounting accessories

Item No.: 249-117
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.3.7 Tool

1.3.7.1 Operating tool

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

Installation Notes

Installation

Snap individual carrier terminal blocks onto the DIN-rail and slide together.
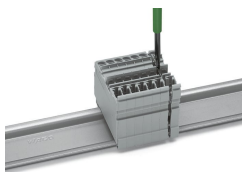
Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).
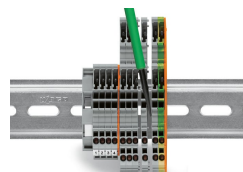
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.
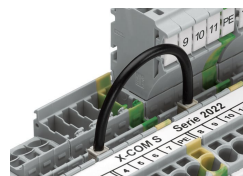
Commoning
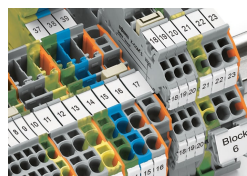
Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for TOPJOB® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.
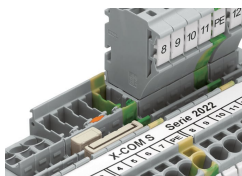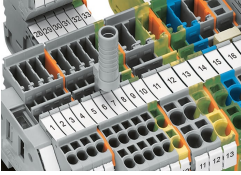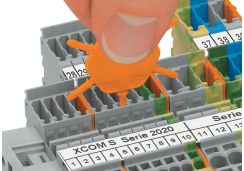
Pairing push-in comb style jumpers.

Commoning with push-in type wire jumper.

Testing

Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.
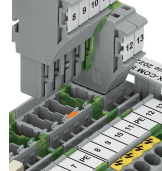
Coding

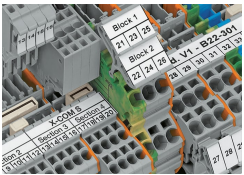Insert coding pin into the corresponding slot and twist it off.

Coding a female plug: remove coding finger using a suitable tool.
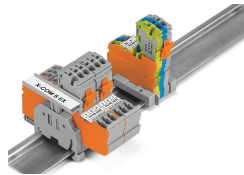

Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.
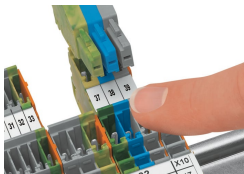
Marking

Clear marking via large marking area

Group marking with height-adjustable group marker carrier (2009-163)

Security

Carrier terminal blocks and female plugs are touch-proof.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com