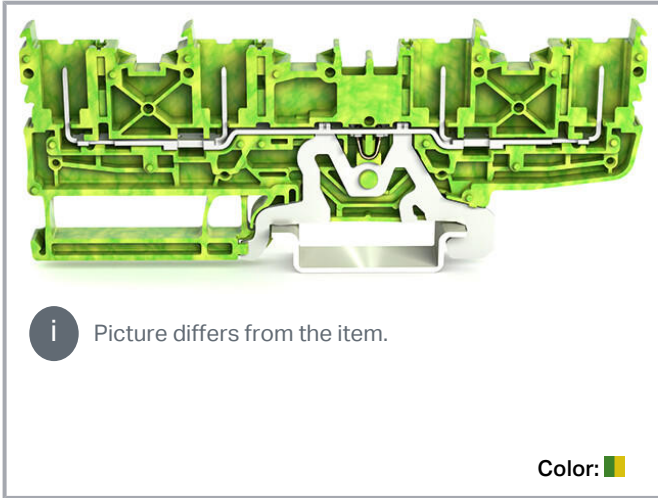


Data sheet | Item number: 2022-1807/999-953

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



www.wago.com/2022-1807_999-953



Data

Electrical data

IEC Approvals

Ratings per	IEC/EN 60947-7-2
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Connection data

Total number of potentials	1
Number of levels	1

Physical data

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

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail

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

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Marking level

Center/side marking

Material data




Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	14.8 g

Commercial data


Packaging type	BOX
Country of origin	CN
GTIN	4055143927048
Customs tariff number	8536904000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX Physikalisch Technische Bundesanstalt	EN IEC 60079-0	PTB 13 ATEX 1004 U
	CCCEX CQST/CNEX	CNCA-C23-01	2020312313000255
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 13.0004 U (Ex ec IIC Gc)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	C22.2 No. 158	2437422


UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name

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	UL Underwriters Laboratories Inc.	UL 1059	E45172
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Counterpart

	Item no. 2022-102/999-953 1-conductor female connector; Locking lever; 4 mm ² ; Pin spacing 5.2 mm; 2-pole; 4,00 mm ² ; gray	www.wago.com/2022-102/999-953
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Required accessories

End plates








	Item no.: 2022-1891 End plate; 1 mm thick; gray	www.wago.com/2022-1891
	Item no.: 2022-1892 End plate; 1 mm thick; orange	www.wago.com/2022-1892

Optional accessories

Tools

	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
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Marking accessories

	Item no.: 2002-161 Adaptor; gray	www.wago.com/2002-161
	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	Item no.: 2009-191 Group marker carrier	www.wago.com/2009-191
	Item no.: 2009-192 Group marker carrier	www.wago.com/2009-192
	Item no.: 2009-193 Group marker carrier	www.wago.com/2009-193















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

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	Item no.: 2009-198 Adaptor; gray	www.wago.com/2009-198
	Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-5501 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/793-5501
Carrier rail		
	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	www.wago.com/210-112
	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	www.wago.com/210-113
	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	www.wago.com/210-114
	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	www.wago.com/210-115
	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	www.wago.com/210-118
	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	www.wago.com/210-196
	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	www.wago.com/210-197
	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	www.wago.com/210-198
Jumpers		
	Item no.: 2002-400 TOPJOB®S endless jumper; for 2002 series; insulated; 2-way; light-gray	www.wago.com/2002-400
	Item no.: 2002-402 TOPJOB®S jumper; for 2002 series; insulated; 2-way; light-gray	www.wago.com/2002-402
	Item no.: 2002-402/000-005 TOPJOB®S jumper; for 2002 series; insulated; 2-way; red	www.wago.com/2002-402/000-005
	Item no.: 2002-402/000-006 TOPJOB®S jumper; for 2002 series; insulated; 2-way; blue	www.wago.com/2002-402/000-006


















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

	Item no.: 2002-403 TOPJOB®S jumper; for 2002 series; insulated; 3-way; light-gray	www.wago.com/2002-403
	Item no.: 2002-403/000-005 TOPJOB®S jumper; for 2002 series; insulated; 3-way; red	www.wago.com/2002-403/000-005
	Item no.: 2002-403/000-006 TOPJOB®S jumper; for 2002 series; insulated; 3-way; blue	www.wago.com/2002-403/000-006
	Item no.: 2002-404 TOPJOB®S jumper; for 2002 series; insulated; 4-way; light-gray	www.wago.com/2002-404
	Item no.: 2002-404/000-005 TOPJOB®S jumper; for 2002 series; insulated; 4-way; red	www.wago.com/2002-404/000-005
	Item no.: 2002-404/000-006 TOPJOB®S jumper; for 2002 series; insulated; 4-way; blue	www.wago.com/2002-404/000-006
	Item no.: 2002-405 TOPJOB®S jumper; for 2002 series; insulated; 5-way; light-gray	www.wago.com/2002-405
	Item no.: 2002-405/000-005 TOPJOB®S jumper; for 2002 series; insulated; 5-way; red	www.wago.com/2002-405/000-005
	Item no.: 2002-405/000-006 TOPJOB®S jumper; for 2002 series; insulated; 5-way; blue	www.wago.com/2002-405/000-006
	Item no.: 2002-405/011-000 TOPJOB®S jumper; Wye configuration; for 2002 series; insulated; 3-way (1-3-5); light-gray	www.wago.com/2002-405/011-000
	Item no.: 2002-406 TOPJOB®S jumper; for 2002 series; insulated; 6-way; light-gray	www.wago.com/2002-406
	Item no.: 2002-406/000-005 TOPJOB®S jumper; for 2002 series; insulated; 6-way; red	www.wago.com/2002-406/000-005
	Item no.: 2002-406/000-006 TOPJOB®S jumper; for 2002 series; insulated; 6-way; blue	www.wago.com/2002-406/000-006
	Item no.: 2002-406/020-000 TOPJOB®S jumper; Delta configuration; for 2002 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray	www.wago.com/2002-406/020-000

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

	Item no.: 2002-407 TOPJOB®S jumper; for 2002 series; insulated; 7-way; light-gray	www.wago.com/2002-407
	Item no.: 2002-407/000-005 TOPJOB®S jumper; for 2002 series; insulated; 7-way; red	www.wago.com/2002-407/000-005
	Item no.: 2002-407/000-006 TOPJOB®S jumper; for 2002 series; insulated; 7-way; blue	www.wago.com/2002-407/000-006
	Item no.: 2002-408 TOPJOB®S jumper; for 2002 series; insulated; 8-way; light-gray	www.wago.com/2002-408
	Item no.: 2002-408/000-005 TOPJOB®S jumper; for 2002 series; insulated; 8-way; red	www.wago.com/2002-408/000-005
	Item no.: 2002-408/000-006 TOPJOB®S jumper; for 2002 series; insulated; 8-way; blue	www.wago.com/2002-408/000-006
	Item no.: 2002-409 TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray	www.wago.com/2002-409
	Item no.: 2002-409/000-005 TOPJOB®S jumper; for 2002 series; insulated; 9-way; red	www.wago.com/2002-409/000-005
	Item no.: 2002-409/000-006 TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray	www.wago.com/2002-409/000-006
	Item no.: 2002-410 TOPJOB®S jumper; for 2002 series; insulated; 10-way; light-gray	www.wago.com/2002-410
	Item no.: 2002-410/000-005 TOPJOB®S jumper; for 2002 series; insulated; 10-way; red	www.wago.com/2002-410/000-005
	Item no.: 2002-410/000-006 TOPJOB®S jumper; for 2002 series; insulated; 10-way; blue	www.wago.com/2002-410/000-006
	Item no.: 2002-423 TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); light-gray	www.wago.com/2002-423
	Item no.: 2002-423/000-005 TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); red	www.wago.com/2002-423/000-005
	Item no.: 2002-423/000-006 TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); blue	www.wago.com/2002-423/000-006

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

	Item no.: 2002-433 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-3); light-gray	www.wago.com/2002-433
	Item no.: 2002-434 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-4); light-gray	www.wago.com/2002-434
	Item no.: 2002-435 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-5); light-gray	www.wago.com/2002-435
	Item no.: 2002-436 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-6); light-gray	www.wago.com/2002-436
	Item no.: 2002-437 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-7); light-gray	www.wago.com/2002-437
	Item no.: 2002-438 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-8); light-gray	www.wago.com/2002-438
	Item no.: 2002-439 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-9); light-gray	www.wago.com/2002-439
	Item no.: 2002-440 TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-10); light-gray	www.wago.com/2002-440
	Item no.: 2002-472 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 2-way; light-gray	www.wago.com/2002-472
	Item no.: 2002-473 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way; light-gray	www.wago.com/2002-473
	Item no.: 2002-473/011-000 TOPJOB®S staggered jumper; for 2002 and 2003 series; 2-way (preconfigured 1-3); light-gray	www.wago.com/2002-473/011-000
	Item no.: 2002-474 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way; light-gray	www.wago.com/2002-474
	Item no.: 2002-475 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way; light-gray	www.wago.com/2002-475
	Item no.: 2002-475/011-000 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way (preconfigured 1-3-5); light-gray	www.wago.com/2002-475/011-000
	Item no.: 2002-476 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way; light-gray	www.wago.com/2002-476
	Item no.: 2002-477 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 7-way; light-gray	www.wago.com/2002-477
	Item no.: 2002-477/011-000 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way (preconfigured 1-3-5-7); light-gray	www.wago.com/2002-477/011-000

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	Item no.: 2002-478 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 8-way; light-gray	www.wago.com/2002-478
	Item no.: 2002-479 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 9-way; light-gray	www.wago.com/2002-479
	Item no.: 2002-479/011-000 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way (preconfigured 1-3-5-7-9); light-gray	www.wago.com/2002-479/011-000
	Item no.: 2002-480 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 10-way; light-gray	www.wago.com/2002-480
	Item no.: 2002-481 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 11-way; light-gray	www.wago.com/2002-481
	Item no.: 2002-481/011-000 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way (preconfigured 1-3-5-7-9-11); light-gray	www.wago.com/2002-481/011-000
	Item no.: 2002-482 TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 12-way; light-gray	www.wago.com/2002-482

Coding

	Item no.: 2022-100 Carrier with 6 coding pins; for coding of female plugs; orange	www.wago.com/2022-100
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Push-in type wire jumper

	Item no.: 2009-412 TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray	www.wago.com/2009-412
	Item no.: 2009-414 TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray	www.wago.com/2009-414
	Item no.: 2009-414/000-005 Push-in type wire jumper; 1.5 mm ² ; insulated; 110 mm long; black	www.wago.com/2009-414/000-005
	Item no.: 2009-414/000-006 Push-in type wire jumper; insulated; 110 mm long; black	www.wago.com/2009-414/000-006
	Item no.: 2009-416 TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray	www.wago.com/2009-416

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
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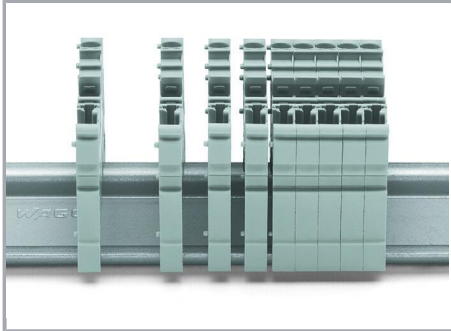
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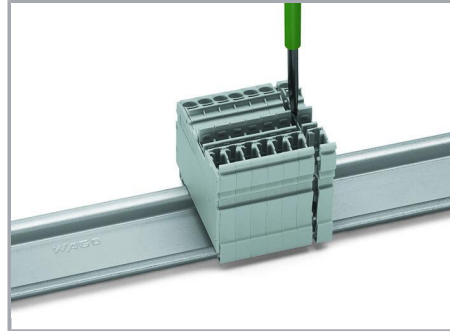
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Installation Notes

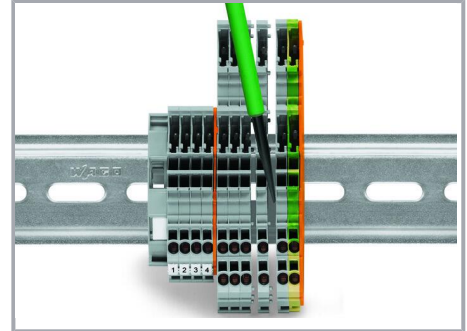
Installation



Snap individual carrier terminal blocks onto the DIN-rail and slide together.

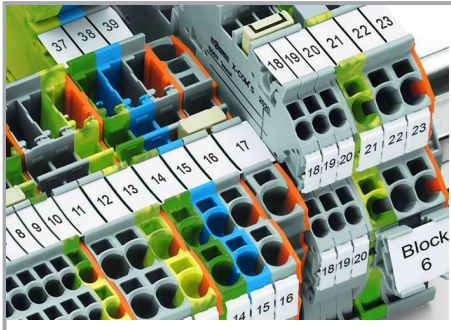


Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).

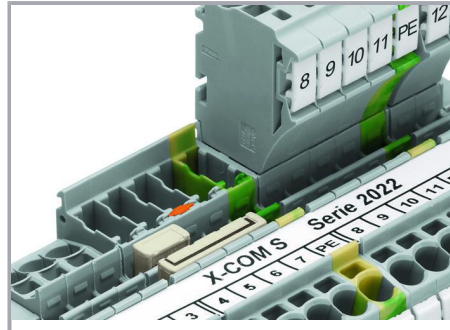


Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

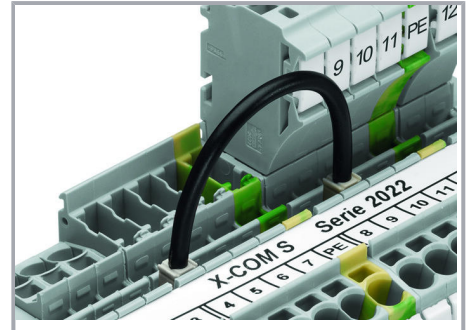
Commoning



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.



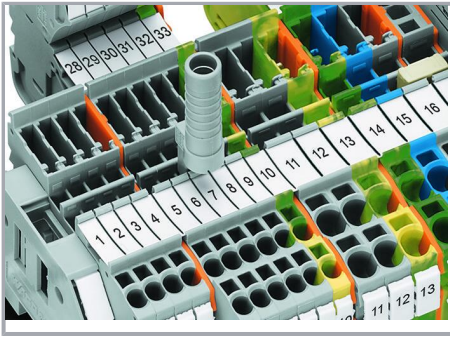
Pairing push-in comb style jumpers.



Commoning with push-in type wire jumper.

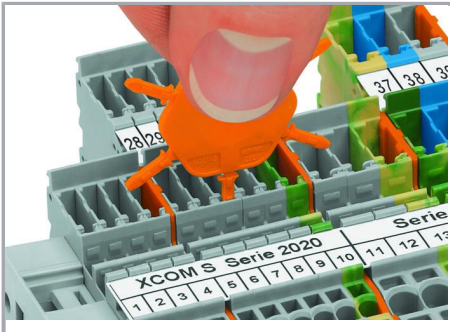
Testing

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



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

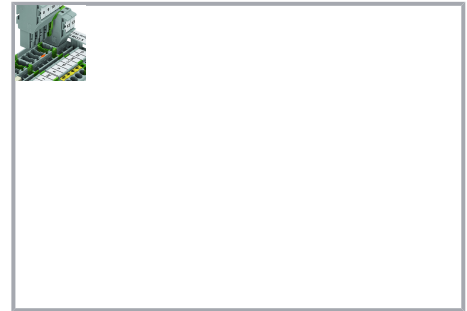
Coding



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

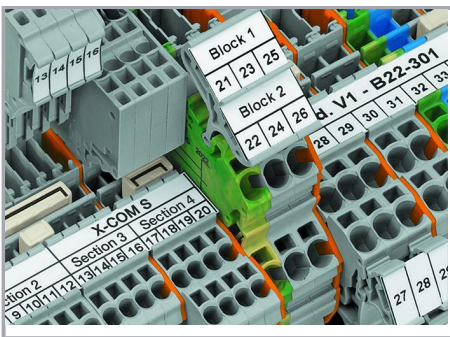


Coding a female plug: remove coding finger using a suitable tool.

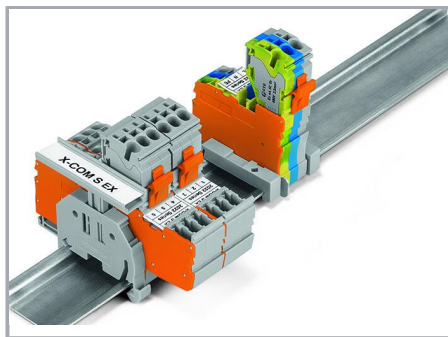


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

Marking



Clear marking via large marking area



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

Safety

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



Carrier terminal blocks and female plugs are touch-proof.

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

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