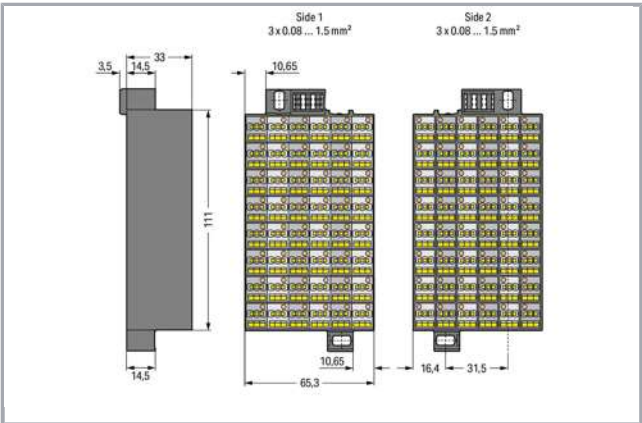
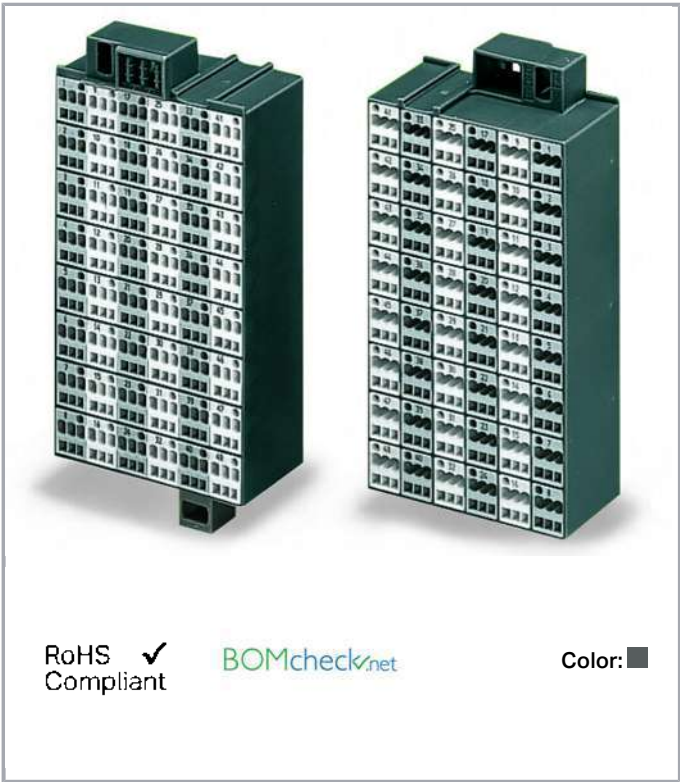


Data sheet | Item number: 726-421

Matrix patchboard; 48-pole; Marking 1-48; Colors of modules: gray/white;
Module marking, side 1 and 2 vertical; 1,50 mm²; dark gray



www.wago.com/726-421



Data
Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection type (1)	Side 1
Connection technology	CAGE CLAMP®
Number of connection points (connection type)	3

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

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Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 1.5 mm ² / 28 ... 16 AWG
Fine-stranded conductor	0.08 ... 1.5 mm ² / 28 ... 16 AWG
Strip length	8 ... 10 mm / 0.31 ... 0.39 inch
No. of poles	48
Connection type (2)	Side 2
Number of connection points	3
Type of wiring	Front-entry wiring

Geometrical Data

Width	65.3 mm / 2.571 inch
Height	132 mm / 5.197 inch
Depth	36.5 mm / 1.437 inch

Mechanical data

Marking	1 ... 48
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Material Data

Color	dark gray
Module color	gray/white
Fire load	4.096 MJ
Weight	246.1 g

Commercial data

Product Group	12 (Matrix Patch Board)
Packaging type	BOX
Country of origin	DE
GTIN	4044918455299
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR NL-7623

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CCA



CSA
DEKRA Certification B.V.

C22.2 No. 158

1101143



KEMA/KEUR
DEKRA Certification B.V.

EN 60998

71-
100850

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

Counterpart

Compatible products

General accessories



Item no.: 726-902
Adaptor; dark gray

www.wago.com/726-902

Item no.: 726-903
Matrix patchboard; 4,00 mm²; white

www.wago.com/726-903

Item no.: 726-904
Matrix patchboard; insulated; 4,00 mm²; gray

www.wago.com/726-904

Marking accessories



Item no.: 209-185
Adaptor; gray

www.wago.com/209-185

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**Item no.: 209-500/209-035**

WSB marking card; as card; MARKED; X (100x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/209-500/209-035**Item no.: 209-501**

WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/209-501**Item no.: 209-501/000-002**

WSB marking card; as card; not stretchable; plain; snap-on type; yellow

www.wago.com/209-501/000-002**Item no.: 209-501/000-005**

WSB marking card; as card; not stretchable; plain; snap-on type; red

www.wago.com/209-501/000-005**Item no.: 209-501/000-006**

WSB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/209-501/000-006**Item no.: 209-501/000-007**

WSB marking card; as card; not stretchable; plain; snap-on type; gray

www.wago.com/209-501/000-007**Item no.: 209-501/000-012**

WSB marking card; as card; not stretchable; plain; snap-on type; orange

www.wago.com/209-501/000-012**Item no.: 209-501/000-017**

WSB marking card; as card; not stretchable; plain; snap-on type; light green

www.wago.com/209-501/000-017**Item no.: 209-501/000-023**

WSB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/209-501/000-023**Item no.: 209-501/000-024**

WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/209-501/000-024**Item no.: 209-502**

WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/209-502**Item no.: 209-566**

WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/209-566**Item no.: 210-612**

Marking strips; for self-marking; plain; Self-adhesive; transparent

www.wago.com/210-612**Item no.: 726-905**

Adaptor; dark gray

www.wago.com/726-905

tools

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Item no.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

check



Item no.: 210-137

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137

Insulation stop



Item no.: 726-901

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pieces/strip; whitewww.wago.com/726-901

Item no.: 726-906

Insulation stop; 0.25 mm² "s"; 0.14 - 0.25 mm² "f-st"; 4 x 3 pieces/strip; light graywww.wago.com/726-906

Item no.: 726-907

Insulation stop; 0.25 - 0.5 mm² "s+f-st"; 4 x 3 pieces/strip; dark graywww.wago.com/726-907

ferrule



Item no.: 216-123

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin platedwww.wago.com/216-123

Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-202

Jumper



Item no.: 709-107

Wire commoning chain; insulated; 32 connections; gray

www.wago.com/709-107

Downloads

Documentation

Bid Text

Item no.	Date	File type	Size	Action
726-421	Feb 19, 2019	xml	3.4 kB	Download

GAEB X81 - Datei

726-421	Feb 21, 2019	docx	14.9 kB	Download
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GAEB docx - Datei

Additional Information

Technical explanations	Apr 3, 2019	pdf	2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 726-421	URL	Download
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Subject to changes. Please also observe the further product documentation!

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CAE data

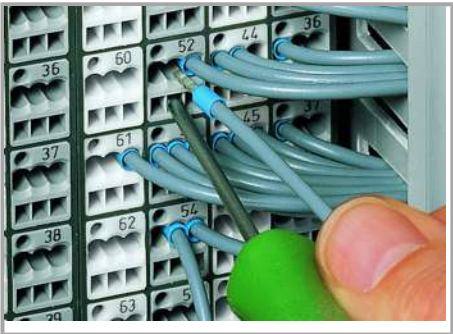
EPLAN Data Portal 726-421	URL	Download
WSCAD Universe 726-421	URL	Download

Installation Notes

Inserting a conductor



CAGE CLAMP® connection



CAGE CLAMP® connection

	Max. conductor cross-section mm ² /AWG without ferrule	Max. conductor cross-section mm ² /AWG with ferrule			
		Insulated	from WAGO Color 218-202/ gray	from WAGO 218-103	from WAGO 218-102
Side 2	1.5	0.75	1	1	1
Side 1	1.5	0.75	1	1	1
Side 2	2.5	1.5	1.5	1.5	1.5
Side 1	1.5	0.75	1	1	1

Ferrules

Inserting a conductor via 210-719 Operating Tool (2.5 x 0.4 mm blade).

Inserting a conductor with ferruled conductors.

Inserting a conductor



Inserting an insulation stop into conductor entry holes of matrix patchboards.



Inserted insulation stop.

Testing

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



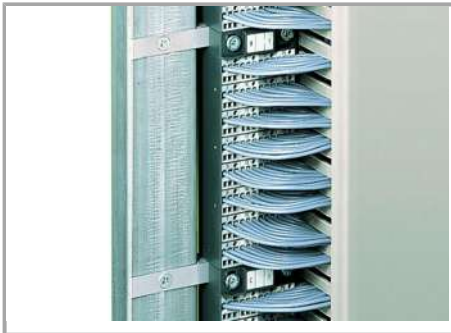
Testing with a 2.3 mm Ø test plug (210-137).



Snapping on an additional module with contact to mounting frame.



Assembling a matrix patchboard with additional module – direct connection to the mounting frame.



Installation example:

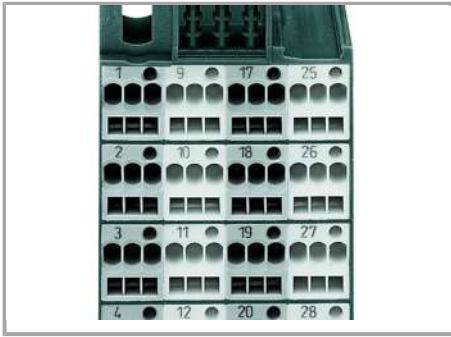
Matrix patchboards in a frame

Marking

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

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Factory-marked modules



WFB continuous marking strip – fits into the matrix patchboards' marker slot and group marker carrier.



Individual group marking via WSB Quick Marking System.

Side 1: 1, 2, 3, 4 ...

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

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