

Data sheet | Item number: 726-421

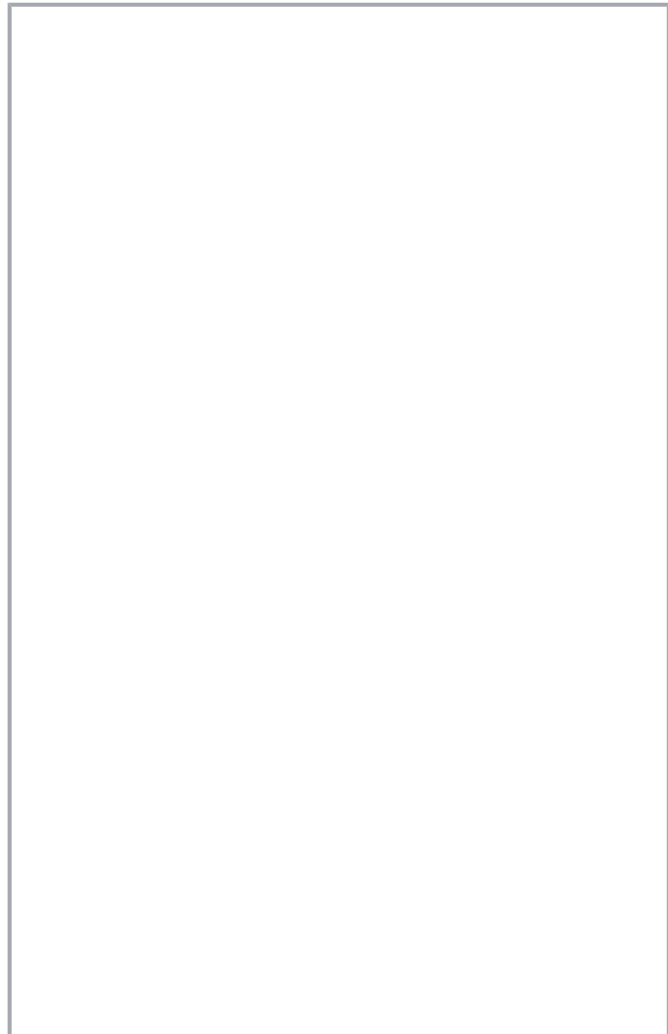
Matrix patchboard; 48-pole; Marking 1-48; Colors of modules: gray/white;
Module marking, side 1 and 2 vertical; 1,50 mm²; dark gray



www.wago.com/726-421



Color:



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

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Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

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Connection 1

Connection type 1	Page 1
Connection technology	CAGE CLAMP®
Number of connection points	3
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 inches
Pole number	48
Wiring direction	Front-entry wiring

Connection 2

Connection type 2	Side 2
Number of connection points 2	3
Solid conductor 2	0.08 ... 1.5 mm ² / 28 ... 16 AWG
Fine-stranded conductor 2	0.08 ... 1.5 mm ² / 28 ... 16 AWG

Physical data

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

Mechanical Data

Marking	1 ... 48
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Material Data

Note (material data)	Information on material specifications can be found here
Color	dark gray
Module color	white/gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	3.912 MJ

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



Weight	248.3 g
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Commercial data

Product Group	12 (Matrix Patch Board)
eCl@ss 10.0	27-24-26-08
eCl@ss 9.0	27-24-26-08
ETIM 8.0	EC001604
ETIM 7.0	EC001604
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4044918455299
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates**General approvals**

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR NL-7623
	CSA CSA Group	C22.2 No. 158	1101143
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-100850
	UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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Optional accessories

Connector

Common potential terminal block

Item no.: 726-903

Additional module for matrix patchboards; for snap-on fixing to mounting adapter; with contact to mounting frame; with CAGE CLAMP®; 4,00 mm²; white

www.wago.com/726-903

Item no.: 726-904

Additional module for matrix patchboards; for snap-on fixing to mounting adapter; insulated; with CAGE CLAMP®; 4,00 mm²; gray

www.wago.com/726-904

Marking accessories

Marking strip

Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110

Marker carrier

Item no.: 726-902

Adaptor; dark gray

www.wago.com/726-902

Marker

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.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

www.wago.com/793-5501/000-007

Item no.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

www.wago.com/793-5501/000-012

Item no.: 793-5501/000-014

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

www.wago.com/793-5501/000-014

Item no.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

www.wago.com/793-5501/000-017

Item no.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green

www.wago.com/793-5501/000-023

Item no.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

www.wago.com/793-5501/000-024

Item no.: 793-5502

WMB marking card; as card; MARKED; 1 ... 10 (10x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white

www.wago.com/793-5502

Item no.: 793-5566

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

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WMB marking card; as card; MARKED; 1 ... 50 (2x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white www.wago.com/793-5566

Item no.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red www.wago.com/793-5501/000-005

Item no.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow www.wago.com/793-5501/000-002

Item no.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue www.wago.com/793-5501/000-006

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

Tool

Operating tool

Item no.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft www.wago.com/210-719

Jumpers

Jumper

Item no.: 709-107

Wire commoning chain; 0.5 mm²; insulated; gray www.wago.com/709-107

Insulation stop

Insulation stop

Item no.: 726-901

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pieces/strip; white www.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 gray www.wago.com/726-906

Item no.: 726-907

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

Ferrule

Ferrule

Item no.: 216-123

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored www.wago.com/216-123

Item no.: 216-202

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

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

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Downloads

Documentation

Bid Text

726-421 docx - Datei	2019 年2月21 日	docx 14.9 kB	Download
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726-421 X81 - Datei	2019 年2月19 日	xml 3.4 kB	Download
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Additional Information

		pdf 2.3 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 726-421		URL	Download
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CAE data

EPLAN Data Portal 726-421		URL	Download
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WSCAD Universe 726-421		URL	Download
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ZUKEN Portal 726-421		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 726-421		URL	Download
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Matrix patchboard; 48-pole; Marking 1-48; Colors of modules: gray/white; Module marking, side 1 and 2 vertical; 1,50 mm²; dark gray

Installation Notes

Conductor termination

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

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CAGE CLAMP® connection

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



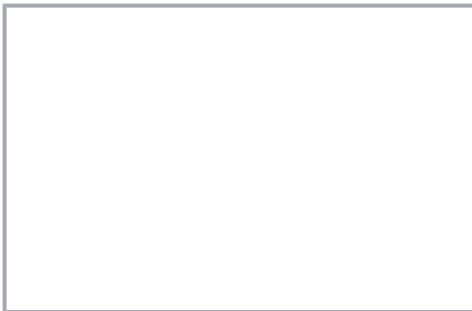
CAGE CLAMP® connection

Terminating ferruled conductors via operating tool.



Ferrules

Conductor termination



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



Insulation stop is in place.

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!



Factory-marked modules (Side 1: 1, 2, 3, 4 ...)



Individual group marking via WMB Multi Marking System

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