

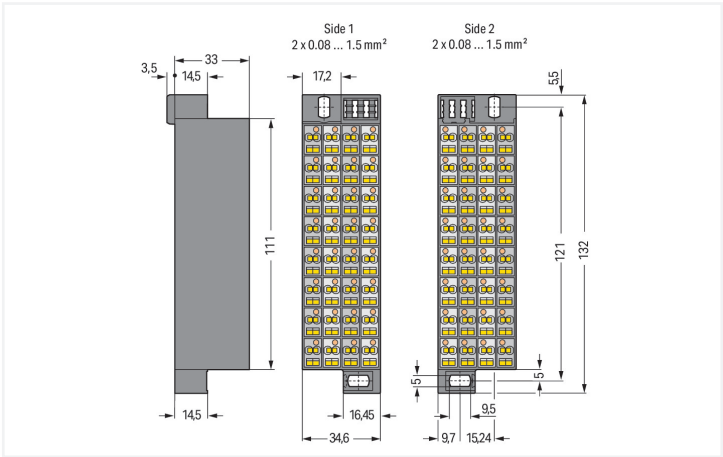
Data Sheet | Item Number: 726-321

Matrix patchboard; 32-pole; Marking 1-32; Colors of modules: gray/white; Module marking, side 1 and 2 vertical; for 19" racks; dark gray

<https://www.wago.com/726-321>



Color: ■ dark gray



Dimensions in mm

Matrix patchboards, 726 Series, operating tool

Seamless electrical installations are guaranteed with these matrix patchboards (item number 726-321). Ensure that the strip lengths are between 8 mm and 10 mm when connecting conductors to these matrix patchboards. Featuring conductor terminals along with CAGE CLAMP®, this connector outperforms the competition. Our CAGE CLAMP® connection offers a convenient and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Dimensions: 34.6 x 132 x 36.5 mm (width x height x depth). Depending on the conductor type, these matrix patchboards are designed for conductor cross sections ranging from 0.08 mm² to 1.5 mm² on one side and for conductor cross sections from 0.08 mm² to 1.5 mm² on the other side. The dark gray housing is made of polyamide (PA66) for insulation.

Electrical data	
Ratings per IEC/EN	
Nominal voltage (III/3)	500 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3



Connection data

Connection 1		Connection 2	
Connection type	Page 1	Connection type	Side 2
Connection technology	CAGE CLAMP®	Number of connection points	2
Number of connection points	2	Solid conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG
Actuation type	Operating tool	Fine-stranded conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG
Connectable conductor materials	Copper		
Solid conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG		
Fine-stranded conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG		
Strip length	8 ... 10 mm / 0.31 ... 0.39 inches		
Pole number	32		
Wiring direction	Front-entry wiring		

Physical data

Width	34.6 mm / 1.362 inches
Height	132 mm / 5.197 inches
Depth	36.5 mm / 1.437 inches

Mechanical data

Marking	1 ... 32
Design	slimline

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 (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	2.737 MJ
Weight	147.4 g

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	24 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966329070
Customs tariff number	85369010000



Product classification	
UNSPSC	39121410
eCl@ss 10.0	27-24-26-08
eCl@ss 9.0	27-24-26-08
ETIM 9.0	EC001604
ETIM 8.0	EC001604
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7986
CSA CSA Group	C22.2 No. 158	1101143
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-127356
UL UL International Germany GmbH	UL 1059	E45172
		EU-Declaration of Confor- mity WAGO GmbH & Co. KG
		UK-Declaration of Confor- mity WAGO GmbH & Co. KG

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 726-321	

Documentation			
Bid Text			
726-321	19.02.2019	xml 3.44 KB	
726-321	21.02.2019	docx 14.62 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 726-321	EPLAN Data Portal 726-321
	WSCAD Universe 726-321
	ZUKEN Portal 726-321

1 Compatible Products

1.1 Optional Accessories

1.1.1 Connector

1.1.1.1 Common potential terminal block



Item No.: 726-904
Additional module for matrix patchboards; for snap-on fixing to mounting adapter; insulated; with CAGE CLAMP®; gray



Item No.: 726-903
Additional module for matrix patchboards; for snap-on fixing to mounting adapter; with contact to mounting frame; with CAGE CLAMP®; white

1.1.2 Ferrule

1.1.2.1 Ferrule



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

1.1.3 Insulation stop

1.1.3.1 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



Item No.: 726-907
Insulation stop; 0.25 - 0.5 mm² "s+f-st"; 4 x 3 pieces/strip; dark gray



Item No.: 726-906
Insulation stop; 0.25 mm² "s"; 0.14 - 0.25 mm² "f-st"; 4 x 3 pieces/strip; light gray

1.1.4 Jumper

1.1.4.1 Jumper



Item No.: 709-107
Wire commoning chain; 0.5 mm²; insulated; gray



1.1.5 Marking

1.1.5.1 Marker



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



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



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



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



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



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



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



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



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



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



Item No.: 793-5502
WMB marking card; as card; MARKED; 1 ... 10 (10x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 793-5566
WMB marking card; as card; MARKED; 1 ... 50 (2x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 793-5500/793-035
WMB marking card; as card; MARKED; X (100x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.5.3 Marking strip



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

1.1.6 Tool

1.1.6.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

Conductor termination



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

	Max. conductor cross section (mm²/AWG) without ferrule	Max. conductor cross section (mm²/AWG) with ferrule	
		insulated	uninsulated
Side 2	1.5	Item No./Color 216-202/ gray	Item No. 216-103
Side 1	1.5	216-202/ gray	1 216-103
Side 2	2.5	1.5 216-204/ black	1.5 216-104
Side 1	1.5	0.75 216-202/ gray	1 216-103

Conductor termination



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

Insulation stop is in place.

Testing



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

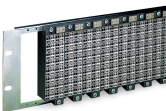


Snapping on an additional module with contact to mounting frame.

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



Installation example:
Matrix patchboards in a frame



Installation example:
Matrix patchboards in a 19" rack

Marking



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

Individual group marking via WMB Multi Marking System