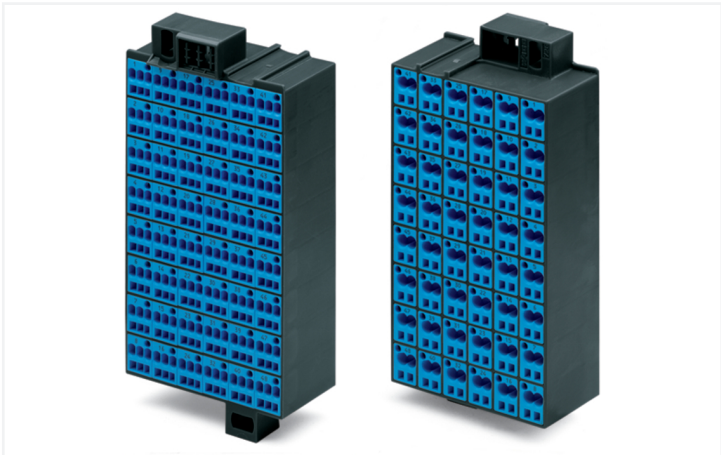# Data Sheet | Item Number: 726-541

Matrix patchboard; 48-pole; Marking 1-48; suitable for Ex i applications; Color of modules: blue; Module marking, side 1 and 2 vertical; 1,50 mm²; blue/dark gray

https://www.wago.com/726-541

Color: ☐ blue/dark gray

Matrix patchboards, 726 Series, operating tool

Our matrix patchboards (item number 726-541) simplify electrical installations. Strip lengths must be between 8 mm and 10 mm when connecting conductors to these matrix patchboards. Featuring conductor terminals along with CAGE CLAMP®, this connector delivers reliable performance. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. Dimensions: 65.3 x 132 x 36.5 mm (width x height x depth). Depending on the type of conductor, these matrix patchboards are ideal 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 2.5 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 type	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 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	48

Connection 2

Connection type	Side 2
Number of connection points	2
Solid conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 14 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

Material data

Note (material data)	Information on material specifications can be found here
Color	blue/dark gray
Module color	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	6.555 MJ
Weight	273.7 g

Commercial data

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966340242
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

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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 726-541	↓

Documentation

Bid Text			
726-541	19.02.2019	xml 3.42 KB	↓
726-541	21.02.2019	docx 14.69 KB	↓

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 726-541	↓	EPLAN Data Portal 726-541	↓
		WSCAD Universe 726-541	↓
		ZUKEN Portal 726-541	↓

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

Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

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

Version 26.06.2025

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

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

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

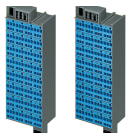Testing with a 2.3 mm Ø test plug (210-137).

Snapping on an additional module with contact to mounting frame.

Assembling a matrix patchboard with additional module – direct connection to the mounting frame.
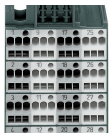
Installation example:
Matrix patchboards in a frame

Ex application

Blue matrix patchboards are suitable for Ex i applications.

Marking

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!

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