

Data Sheet | Item Number: 726-142

Matrix patchboard; 32-pole; Marking 33-64; 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/726-142>



Color: blue/dark gray

Similar to illustration

Matrix patchboards, 726 Series, CAGE CLAMP®

Our matrix patchboards (item number 726-142) simplify electrical installations. Ensure that the strip lengths are between 8 and 10 mm when connecting conductors to these matrix patchboards. This product incorporates conductor terminals and utilizes CAGE CLAMP®. Our reliable 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. The item's dimensions are (44 x 132 x 36.5) mm (width x height x depth). These matrix patchboards are suitable for conductor cross sections ranging from 0.08 mm² to 1.5 mm² on one side and for conductor cross sections ranging from 0.08 mm² to 1.5 mm² on the other side.

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) Δ Overvoltage category III / Pollution degree 3

General information

Wiring direction	Front-entry wiring
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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 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	32

Connection 2

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

Physical data

Width	44 mm / 1.732 inches
Height	132 mm / 5.197 inches
Depth	36.5 mm / 1.437 inches

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	3.441 MJ
Weight	170.2 g

Commercial data

Product Group	12 (Matrix Patch Board)
PU (SPU)	20 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966353341
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 10.0	EC001604
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7986
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 Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 726-142			↓

Documentation

Bid Text			
726-142	19.02.2019	xml 3.42 KB	↓
726-142	21.02.2019	docx 14.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 726-142	↓

CAE data	
EPLAN Data Portal 726-142	↓
WSCAD Universe 726-142	↓

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

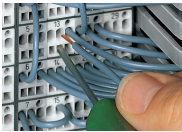


Item No.: 210-719

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

Installation Notes

Conductor termination



	Max. conductor cross section [mm²]AWG without ferrule	Max. conductor cross section [mm²]AWG with ferrule			
		insulated		uninsulated	
		Item No./Color	Item No.	Item No.	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