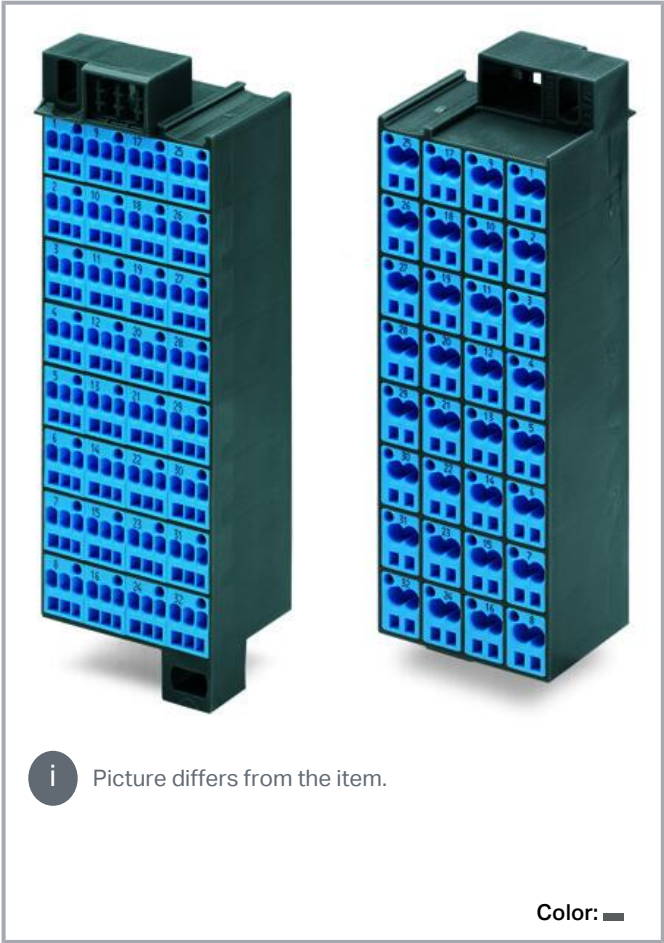


Data sheet | Item number: 726-242

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; dark gray

www.wago.com/726-242



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) ≙ Overvoltage category III / Pollution degree 3

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

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Connection data

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 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

Connection 2

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

Physical data

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

Mechanical Data

Marking	33 ... 64
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Material data

Note (material data)	Information on material specifications can be found here
Color	dark gray
Module color	blue
Material group	I
Insulation material	Polyamide (PA66)

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



Flammability class per UL94	V0
Fire load	4.497 MJ
Weight	186.7 g

Commercial data

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)	20 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4044918979979
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

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

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

Optional accessories

Insulation stop

Insulation stop		
	Item no.: 726-901 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 4 x 3 pieces/strip; white	www.wago.com/726-901
	Item no.: 726-906 Insulation stop; 0.25 mm ² "s"; 0.14 - 0.25 mm ² "f-st"; 4 x 3 pieces/strip; light gray	www.wago.com/726-906
	Item no.: 726-907 Insulation stop; 0.25 - 0.5 mm ² "s+f-st"; 4 x 3 pieces/strip; dark gray	www.wago.com/726-907

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

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 mm ² ; 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 mm ² ; gray	www.wago.com/726-904

Jumpers

Jumper		
	Item no.: 709-107 Wire commoning chain; 0.5 mm ² ; insulated; gray	www.wago.com/709-107

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

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

Ferrule

Ferrule

	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-123
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204

Downloads

Documentation

Bid Text

726-242 docx - Datei	2019 Feb 21	docx 15.3 kB	Download
726-242 X81 - Datei	2019 Feb 19	xml 3.5 kB	Download

Additional Information

pdf
2.3 MB
Download

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CAD/CAE-Data

CAE data

EPLAN Data Portal 726-242	URL	Download
WSCAD Universe 726-242	URL	Download

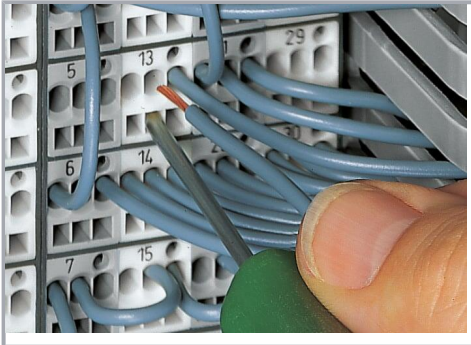
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 726-242	URL	Download
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; dark gray		

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.

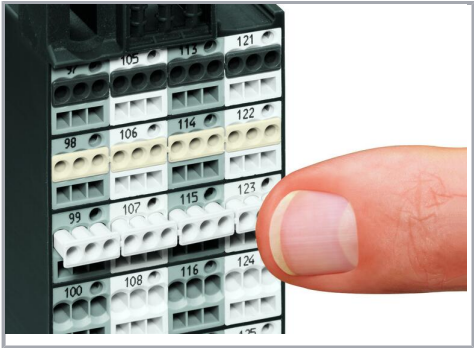
Subject to changes. Please also observe the further product documentation!



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

Ferrules

Conductor termination

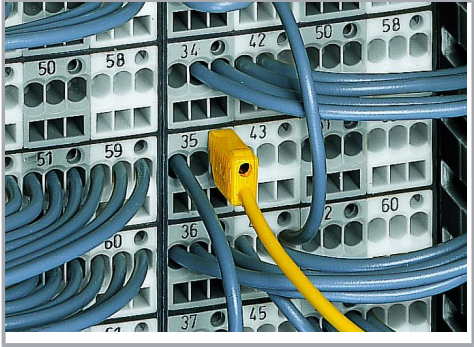


Inserting an insulation stop into conductor entry holes of matrix patchboards.



Insulation stop is in place.

Testing

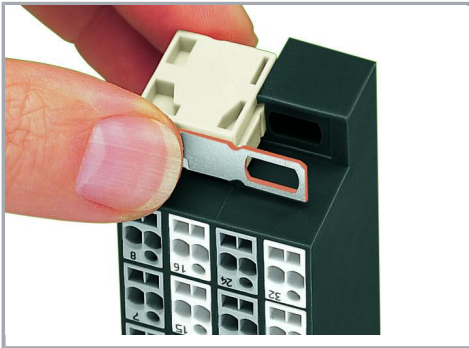


Testing with a 2.3 mm Ø test plug (210-137).

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

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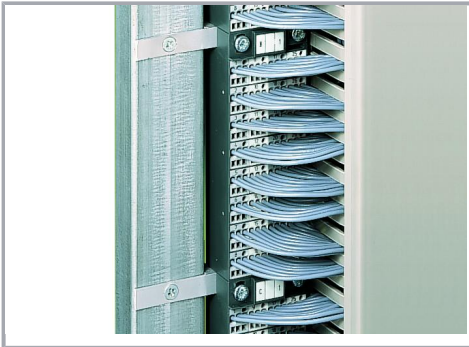
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Snapping on an additional module with contact to mounting frame.

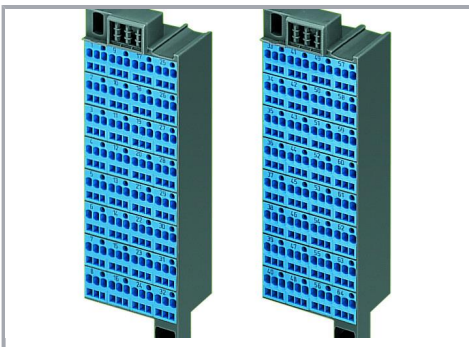


Assembling a matrix patchboard with additional module – direct connection to the mounting frame.



Installation example:
Matrix patchboards in a frame

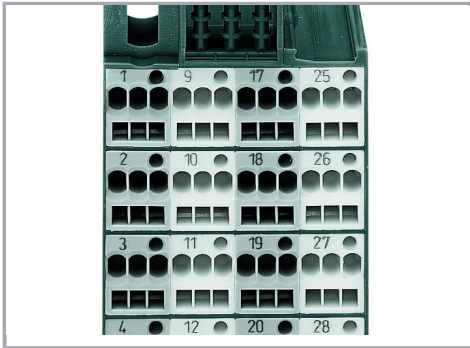
Ex application



Blue matrix patchboards are suitable for Ex i applications.

Marking

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!

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