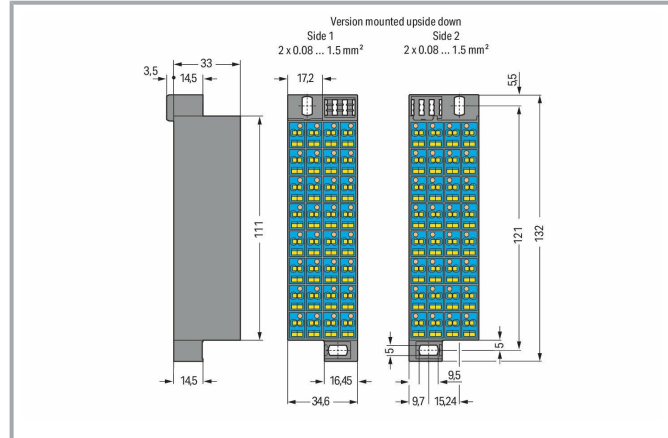


Data sheet | Item number: 726-342

Matrix patchboard; 32-pole; Marking 33-64; suitable for Ex i applications;
Color of modules: blue; Module marking, side 1 and 2 vertical; for 19" racks;
1,50 mm²; dark gray

www.wago.com/726-342



Data

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	10 A

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

WAGO GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection 1

Connection type 1	Page 1
Connection technology	CAGE CLAMP®
Number of connection points	2
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
Wiring direction	Front-entry wiring

Connection 2

Connection type 2	Page 2
Number of connection points 2	2
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	34.6 mm / 1.362 inches
Height	132 mm / 5.197 inches
Depth	36.5 mm / 1.437 inches

Mechanical Data

Marking	33 ... 64
Design	slimline

Material Data

Note (material data)	Information on material specifications can be found here
Color	dark gray

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

Module color	blue
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	3.888 MJ
Weight	137.6 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)	24 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4044918456159
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






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



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	-	-

Optional accessories

Ferrule			
	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
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
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			

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



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
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

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



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

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

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

Downloads

Documentation

Bid Text

File Name	Date	Format	Size	Action
726-342 docx - Datei	2019 Feb 21	docx	15.1 kB	Download
726-342 X81 - Datei	2019 Feb 19	xml	3.6 kB	Download

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



Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

CAD/CAE-Data

CAD data

2D/3D Models 726-342	URL	Download
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CAE data

EPLAN Data Portal 726-342	URL	Download
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ZUKEN Portal 726-342	URL	Download
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WSCAD Universe 726-342	URL	Download
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Environmental Product Compliance

Compliance Search

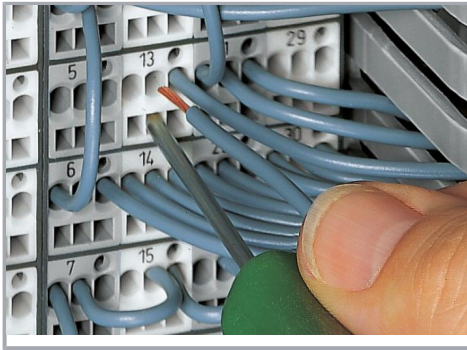
Environmental Product Compliance 726-342	URL	Download
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Matrix patchboard; 32-pole; Marking 33-64; suitable for Ex i applications; Color of modules: blue; Module marking, side 1 and 2 vertical; for 19" racks; 1,50 mm²; dark gray

Installation Notes

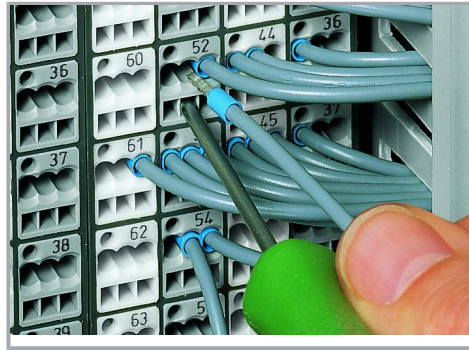
Conductor termination

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



CAGE CLAMP® connection

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



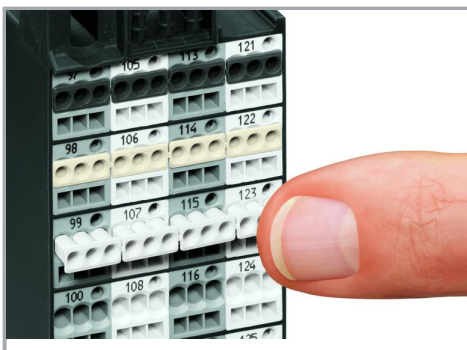
CAGE CLAMP® connection

Terminating ferruled conductors via operating tool.

	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



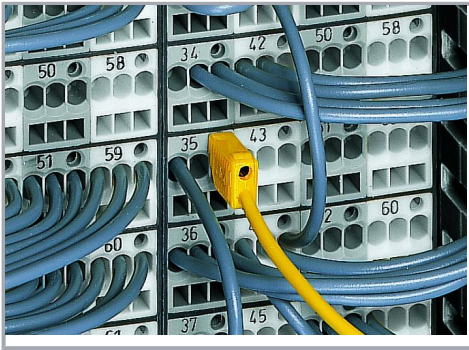
Inserting an insulation stop into conductor entry holes of matrix patchboards.



Insulation stop is in place.

Testing

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



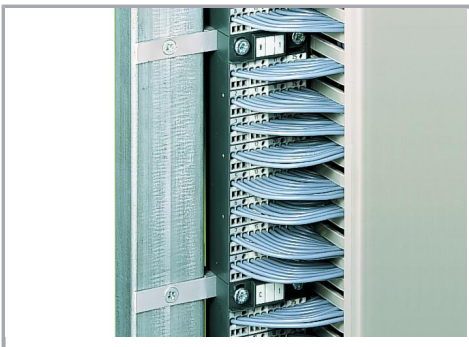
Testing with a 2.3 mm Ø test plug (210-137).



Snapping on an additional module with contact to mounting frame.



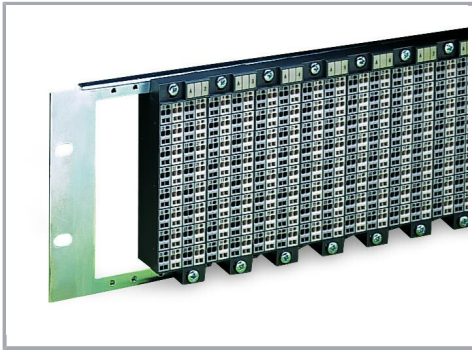
Assembling a matrix patchboard with additional module – direct connection to the mounting frame.



Installation example:

Matrix patchboards in a frame

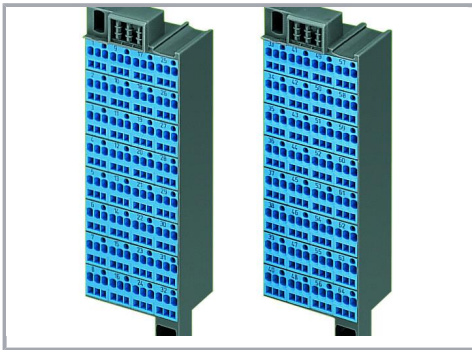
Subject to changes. Please also observe the further product documentation!



Installation example:

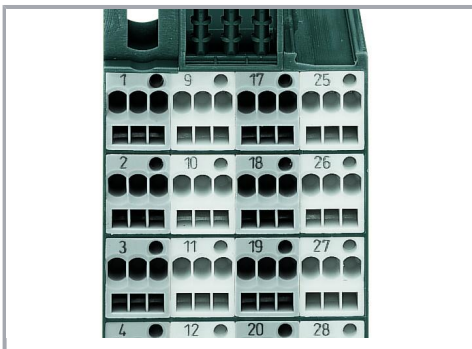
Matrix patchboards in a 19" rack

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!