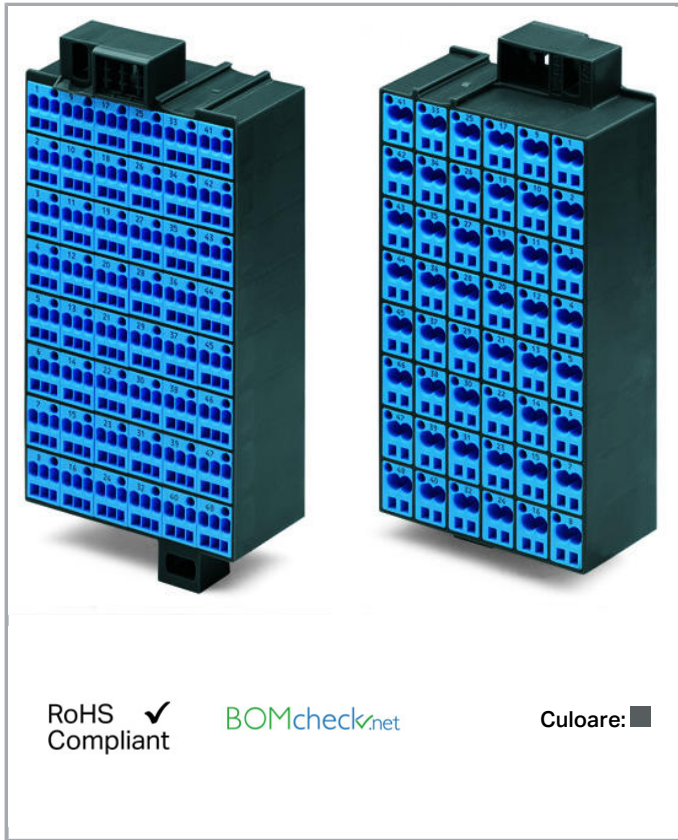


Fișă tehnică | Număr articol: 726-541

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; dark gray



www.wago.com/726-541



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare:

Date

Electrical data

Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Connection data

Connection type (1)	Side 1
Connection technology	CAGE CLAMP [®]

Supus modificărilor.

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/Representative Office Romania
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building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Number of connection points (connection type)	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 inch
Pole No.	48
Connection type 2	Side 2
Number of connection points	2
Wiring type	Front-entry wiring

Geometrical Data

Width	65.3 mm / 2.571 inch
Height	132 mm / 5.197 inch
Depth	36.5 mm / 1.437 inch

Mechanical data

Marking	1 ... 48
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Material Data

Color	dark gray
Module color	blue
Fire load	4,24 MJ
Weight	265,5 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918980098
Customs tariff number	85369010000

Aprobări / certificate

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60998	NTR NL- 7623

Supus modificărilor.

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CCA



CSA
DEKRA Certification B.V.

C22.2 No. 158

1101143




KEMA/KEUR
DEKRA Certification B.V.

EN 60998

71-
100850





UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL UL International Germany GmbH	UL 1059	E45172

Counterpart

Produse compatibile















Marking accessories

	Nr. articol: 209-185 Adaptor; gray	www.wago.com/209-185
	Nr. articol: 209-500/209-035 WSB marking card; as card; MARKED; X (100x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/209-500/209-035
	Nr. articol: 209-501 WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/209-501
	Nr. articol: 209-501/000-002 WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/209-501/000-002

Supus modificărilor.

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	Nr. articol: 209-501/000-005 WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/209-501/000-005
	Nr. articol: 209-501/000-006 WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/209-501/000-006
	Nr. articol: 209-501/000-007 WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/209-501/000-007
	Nr. articol: 209-501/000-012 WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/209-501/000-012
	Nr. articol: 209-501/000-017 WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/209-501/000-017
	Nr. articol: 209-501/000-023 WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/209-501/000-023
	Nr. articol: 209-501/000-024 WSB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/209-501/000-024
	Nr. articol: 209-502 WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/209-502
	Nr. articol: 209-566 WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/209-566
	Nr. articol: 210-612 Marking strips; for self-marking; plain; Self-adhesive; transparent	www.wago.com/210-612
	Nr. articol: 726-905 Adaptor; dark gray	www.wago.com/726-905
tools		
	Nr. articol: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
Insulation stop		
	Nr. articol: 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
	Nr. articol: 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

Supus modificărilor.



Nr. articol: 726-907
Insulation stop; 0.25 - 0.5 mm² "s+f-st"; 4 x 3 pieces/strip; dark gray

www.wago.com/726-907

General accessories



Nr. articol: 726-902
Adaptor; dark gray

www.wago.com/726-902



Nr. articol: 726-903
Matrix patchboard; 4,00 mm²; white

www.wago.com/726-903



Nr. articol: 726-904
Matrix patchboard; insulated; 4,00 mm²; gray

www.wago.com/726-904

Jumper



Nr. articol: 709-107
Wire commoning chain; insulated; 32 connections; gray

www.wago.com/709-107

ferrule



Nr. articol: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

www.wago.com/216-104



Nr. articol: 216-123
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-123



Nr. articol: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202



Nr. articol: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204

check



Nr. articol: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable; yellow

www.wago.com/210-137

Descărcări

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
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CAD/CAE-Data

CAD data

2D/3D Models 726-541	URL	Descărcare
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CAE data

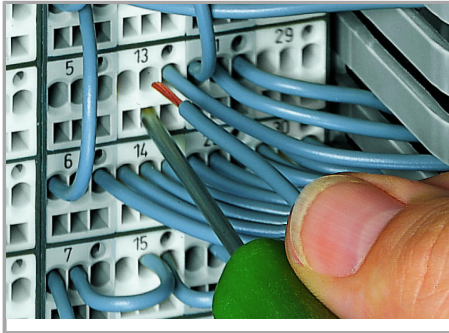
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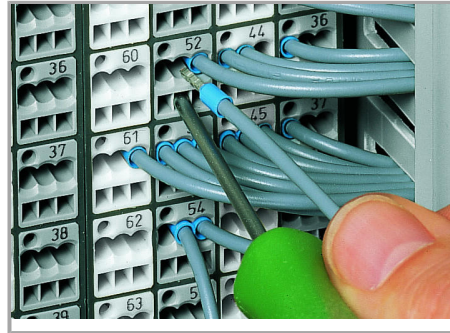
Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Installation Notes

Inserting a conductor



CAGE CLAMP® connection



CAGE CLAMP® connection

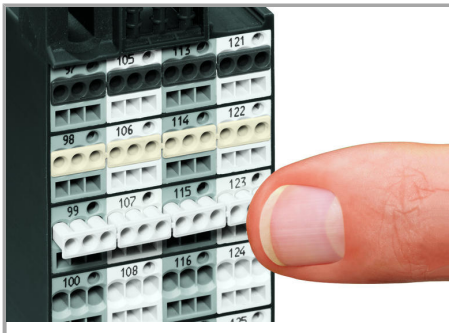
	Max. conductor cross section (mm ² /AWG) without ferrule		Max. conductor cross section (mm ² /AWG) with ferrule	
			insulated	uninsulated
	Side 2	1.5	0.75	Item No./Color 216-202/ gray
Side 1	1.5	0.75	216-202/ gray	216-103
Side 2	2.5	1.5	216-204/ black	216-104
Side 1	1.5	0.75	216-202/ gray	216-103

Ferrules

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

Inserting a conductor with ferruled conductors.

Inserting a conductor



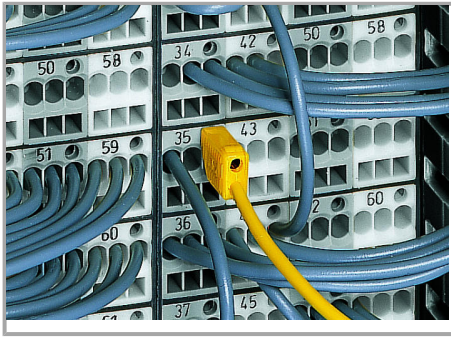
Inserting an insulation stop into conductor entry holes of matrix patchboards.



Inserted insulation stop.

Testing

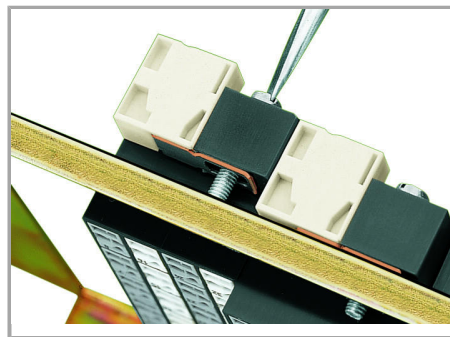
Supus modificărilor.



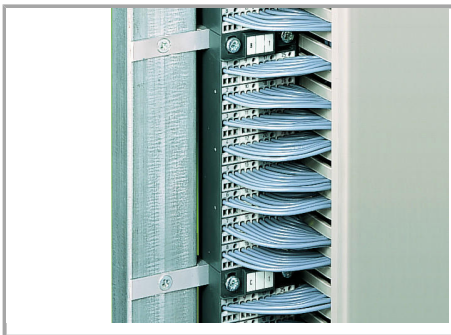
Testing with a 2.3 mm Ø test plug (210-137).



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:

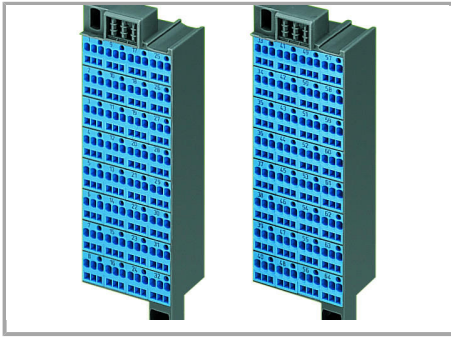
Matrix patchboards in a frame

Ex Application

Supus modificărilor.

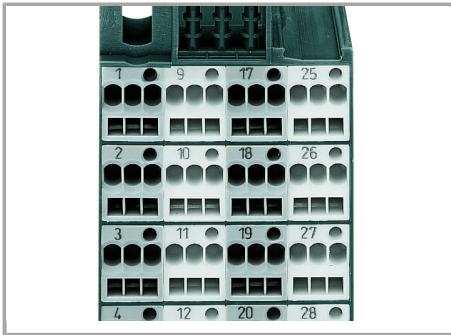
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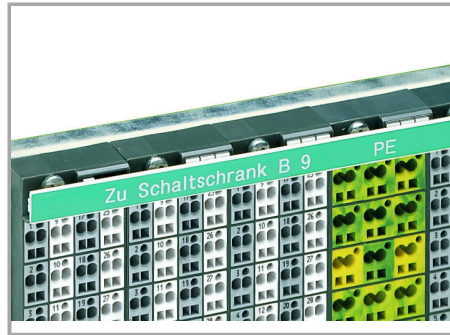


Blue matrix patchboards are suitable for Ex i applications.

Marking



Factory-marked modules



WFB continuous marking strip – fits into the matrix patchboards' marker slot and group marker carrier.



Individual group marking via WSB Quick Marking System.

Side 1: 1, 2, 3, 4 ...

Supus modificărilor.