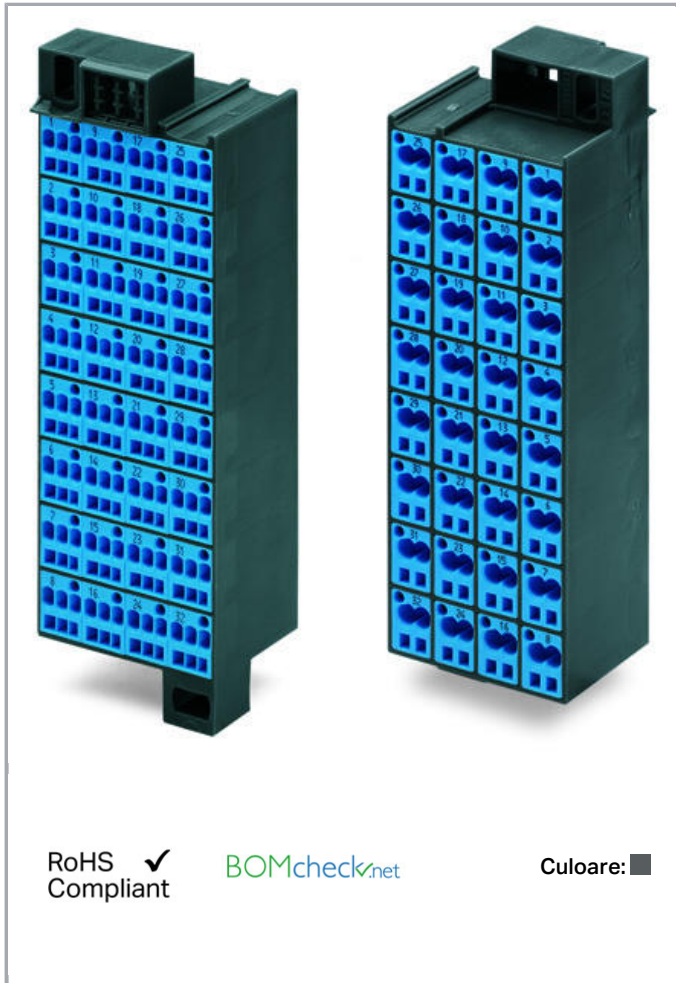


## Fișă tehnică | Număr articol: 726-241

Matrix patchboard; 32-pole; Marking 1-32; suitable for Ex i applications;  
Color of modules: blue; Module marking, side 1 and 2 vertical; 1,50 mm<sup>2</sup>; dark gray



[www.wago.com/726-241](http://www.wago.com/726-241)



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

Supus modificărilor.

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building 1, 2nd floor | 077190 Voluntari, Ilfov  
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## Connection data

Connection type (1)	Side 1
Connection technology	CAGE CLAMP®
Number of connection points (connection type)	3
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Fine-stranded conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Strip length	8 ... 10 mm / 0.31 ... 0.39 inch
Pole No.	32
Connection type 2	Side 2
Number of connection points	2
Wiring type	Front-entry wiring

## Geometrical Data

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

## Mechanical data

Marking	1 ... 32
---------	----------

## Material Data

Color	dark gray
Module color	blue
Fire load	2,941 MJ
Weight	181,3 g

## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918979948
Customs tariff number	85369010000




## Aprobări / certificate

### Country specific Approvals


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















## check

	Nr. articol: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable; yellow	<a href="http://www.wago.com/210-137">www.wago.com/210-137</a>
<b>Marking accessories</b>		
	Nr. articol: 209-185 Adaptor; gray	<a href="http://www.wago.com/209-185">www.wago.com/209-185</a>
	Nr. articol: 209-500/209-035 WSB marking card; as card; MARKED; X (100x); not stretchable; Horizontal marking; snap-on type; white /209-035	<a href="http://www.wago.com/209-500">www.wago.com/209-500</a>

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	<b>Nr. articol: 209-501</b> WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/209-501">www.wago.com/209-501</a>
	<b>Nr. articol: 209-501/000-002</b> WSB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/209-501/000-002">www.wago.com/209-501/000-002</a>
	<b>Nr. articol: 209-501/000-005</b> WSB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/209-501/000-005">www.wago.com/209-501/000-005</a>
	<b>Nr. articol: 209-501/000-006</b> WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/209-501/000-006">www.wago.com/209-501/000-006</a>
	<b>Nr. articol: 209-501/000-007</b> WSB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/209-501/000-007">www.wago.com/209-501/000-007</a>
	<b>Nr. articol: 209-501/000-012</b> WSB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/209-501/000-012">www.wago.com/209-501/000-012</a>
	<b>Nr. articol: 209-501/000-017</b> WSB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/209-501/000-017">www.wago.com/209-501/000-017</a>
	<b>Nr. articol: 209-501/000-023</b> WSB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/209-501/000-023">www.wago.com/209-501/000-023</a>
	<b>Nr. articol: 209-501/000-024</b> WSB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/209-501/000-024">www.wago.com/209-501/000-024</a>
	<b>Nr. articol: 209-502</b> WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/209-502">www.wago.com/209-502</a>
	<b>Nr. articol: 209-566</b> WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/209-566">www.wago.com/209-566</a>
	<b>Nr. articol: 210-612</b> Marking strips; for self-marking; plain; Self-adhesive; transparent	<a href="http://www.wago.com/210-612">www.wago.com/210-612</a>
	<b>Nr. articol: 726-905</b> Adaptor; dark gray	<a href="http://www.wago.com/726-905">www.wago.com/726-905</a>
<b>tools</b>		
	<b>Nr. articol: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>

**General accessories**

Supus modificărilor.

	<b>Nr. articol: 726-902</b> Adaptor; dark gray	<a href="http://www.wago.com/726-902">www.wago.com/726-902</a>
	<b>Nr. articol: 726-903</b> Matrix patchboard; 4,00 mm <sup>2</sup> ; white	<a href="http://www.wago.com/726-903">www.wago.com/726-903</a>
	<b>Nr. articol: 726-904</b> Matrix patchboard; insulated; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/726-904">www.wago.com/726-904</a>
<b>Insulation stop</b>		
	<b>Nr. articol: 726-901</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 4 x 3 pieces/strip; white	<a href="http://www.wago.com/726-901">www.wago.com/726-901</a>
	<b>Nr. articol: 726-906</b> Insulation stop; 0.25 mm <sup>2</sup> "s"; 0.14 - 0.25 mm <sup>2</sup> "f-st"; 4 x 3 pieces/strip; light gray	<a href="http://www.wago.com/726-906">www.wago.com/726-906</a>
	<b>Nr. articol: 726-907</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> "s+f-st"; 4 x 3 pieces/strip; dark gray	<a href="http://www.wago.com/726-907">www.wago.com/726-907</a>
<b>Jumper</b>		
	<b>Nr. articol: 709-107</b> Wire commoning chain; insulated; 32 connections; gray	<a href="http://www.wago.com/709-107">www.wago.com/709-107</a>
<b>ferrule</b>		
	<b>Nr. articol: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
	<b>Nr. articol: 216-123</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-123">www.wago.com/216-123</a>
	<b>Nr. articol: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Nr. articol: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black	<a href="http://www.wago.com/216-204">www.wago.com/216-204</a>

## Descărcări

### Documentation

#### Additional Information

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

### CAE data

EPLAN Data Portal 726-241	URL	Descărcare
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W3CAD | Inversia 726-241

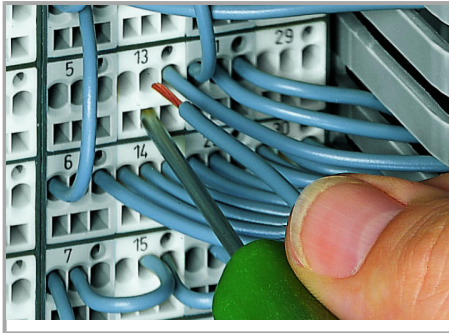
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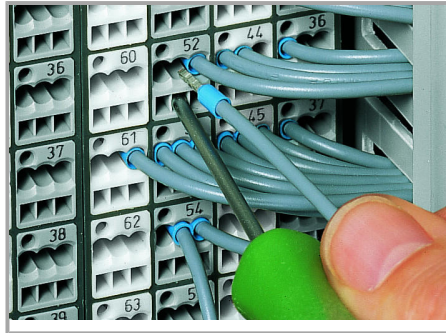
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## Installation Notes

### Inserting a conductor



CAGE CLAMP® connection



CAGE CLAMP® connection

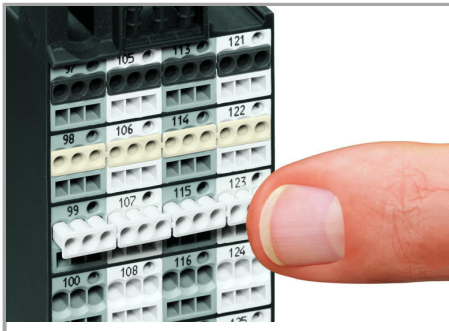
	Max. conductor cross section (mm <sup>2</sup> /AWG) without ferrule	Max. conductor cross section (mm <sup>2</sup> /AWG) with ferrule			
		insulated		uninsulated	
		Item No./Color		Item No.	
Side 2	1.5	0.75	216-202/ gray	1	216-103
Side 1	1.5	0.75	216-202/ gray	1	216-103
Side 2	2.5	1.5	216-204/ black	1.5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

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.

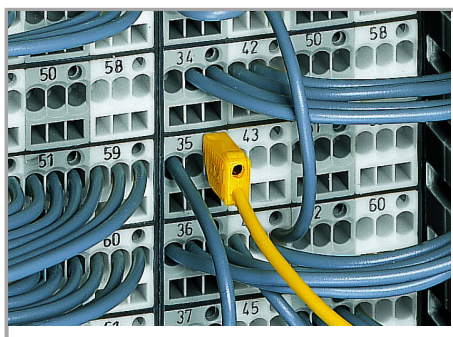


Inserted insulation stop.

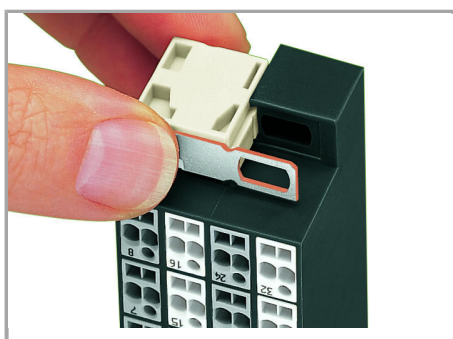
## Testing

Supus modificărilor.

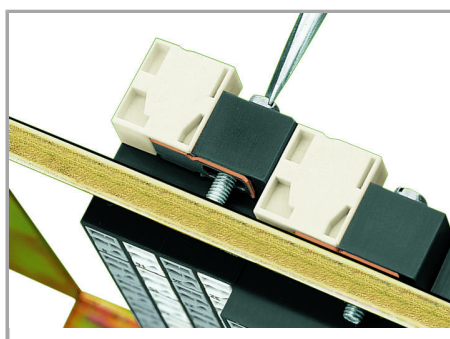




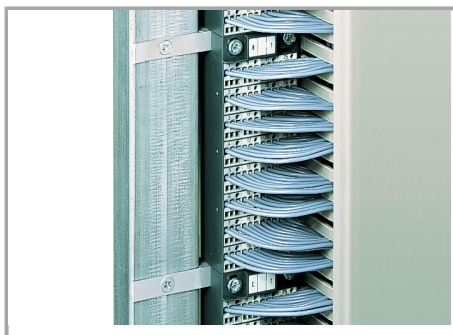
Testing with a 2.3 mm Ø test plug (210-137).



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:

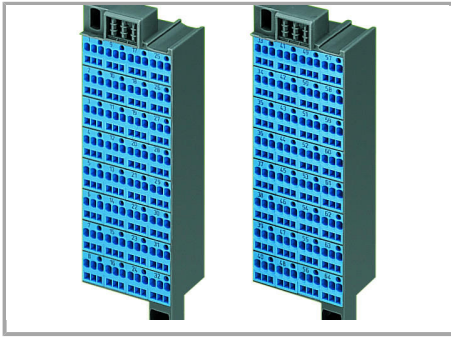
Matrix patchboards in a frame

## Ex Application

Supus modificărilor.

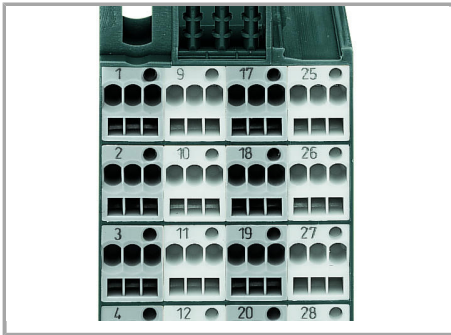
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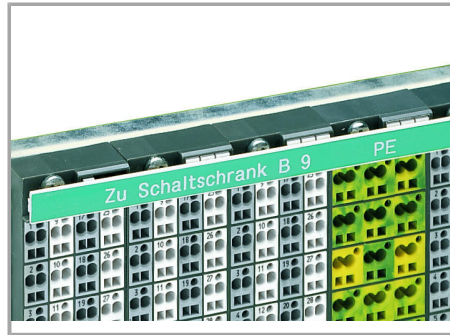


Blue matrix patchboards are suitable for Ex i applications.

### 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.