

**Data sheet | Item number: 726-841**

Matrix patchboard; 80-pole; Marking 1-80; 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/726-841](http://www.wago.com/726-841)



**Data**  
**Electrical data**

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

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## 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) $\triangleq$ Overvoltage category III / Pollution degree 3

## 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 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 inches
Pole number	80
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 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG

## Physical data

Width	107.9 mm / 4.248 inches
Height	132 mm / 5.197 inches
Depth	36.5 mm / 1.437 inches

## Mechanical Data

Marking	1 ... 80
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Subject to changes. Please also observe the further product documentation!



## 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)
Flammability class per UL94	V0
Fire load	8.4 MJ
Weight	441.4 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)	8 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4044918980272
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
	<b>CCA</b> DEKRA Certification B.V.	EN 60998	NTR NL-7623
	<b>CSA</b> CSA Group	C22.2 No. 158	1101143
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60998	71-100850
	<b>UL</b>	UL 1059	E45172

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UL International Germany GmbH

## Declarations of conformity and manufacturer's declarations

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

## Optional accessories

## 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 mm²; white

[www.wago.com/726-903](http://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 mm²; gray

[www.wago.com/726-904](http://www.wago.com/726-904)

## Jumpers

Jumper

**Item no.: 709-107**

Wire commoning chain; 0.5 mm²; insulated; gray

[www.wago.com/709-107](http://www.wago.com/709-107)

## 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](http://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](http://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](http://www.wago.com/726-907)

## Ferrule

Ferrule

**Item no.: 216-104**

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-104](http://www.wago.com/216-104)**Item no.: 216-123**

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-123](http://www.wago.com/216-123)**Item no.: 216-202**

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)

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

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**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black[www.wago.com/216-204](http://www.wago.com/216-204)**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](http://www.wago.com/2009-110)

## Marker carrier

**Item no.: 726-902**

Adaptor; dark gray

[www.wago.com/726-902](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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

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type; yellow

[www.wago.com/793-5501/000-002](http://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](http://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](http://www.wago.com/793-5501)

**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](http://www.wago.com/210-719)

**Downloads**

**Documentation**

**Bid Text**

726-841 docx - Datei	2019 年2月21 日	docx 15.1 kB	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 726-841

URL

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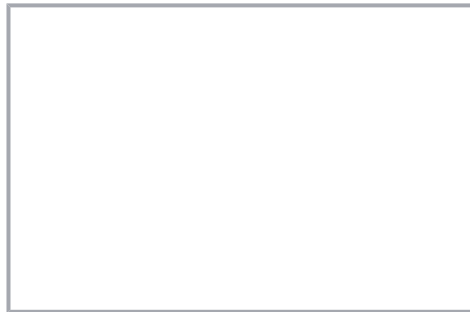
## Installation Notes

### 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.



#### Ferrules

### Conductor termination

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



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



Insulation stop is in place.

### Testing



Testing with a 2.3 mm  $\varnothing$  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.

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





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

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