

Data sheet | Item number: 726-221

Matrix patchboard; 32-pole; Marking 1-32; Colors of modules: gray/white;
Module marking, side 1 and 2 vertical; 1,50 mm²; dark gray



www.wago.com/726-221



Color:



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

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Email: info.de@wago.com | Web: www.wago.com

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



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) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

Connection data

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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 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 | Side 2 |
| Number of connection points 2 | 2 |
| Solid conductor 2 | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor 2 | 0.08 ... 2.5 mm ² / 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 | 1 ... 32 |
|---------|----------|

Material Data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | dark gray |
| Module color | white/gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 2.656 MJ |

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



| | |
|--------|---------|
| 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 | 4044918979702 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

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

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

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Optional accessories

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 | 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 | | |

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



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

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

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

Jumpers

Jumper

Item no.: 709-107
Wire commoning chain; 0.5 mm²; insulated; gray www.wago.com/709-107

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

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

Item no.: 216-123
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored 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

Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black www.wago.com/216-204

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

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

Item no.: 726-907

Insulation stop; 0.25 - 0.5 mm² "s+f-st"; 4 x 3 pieces/strip; dark graywww.wago.com/726-907

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|--------------|-----------------|----------|
| 726-221 docx - Datei | 2019 年2月21 日 | docx 14.9 kB | Download |
|-------------------------|--------------|-----------------|----------|

| | | | |
|------------------------|--------------|---------------|----------|
| 726-221 X81 - Datei | 2019 年2月19 日 | xml 3.4 kB | Download |
|------------------------|--------------|---------------|----------|

Additional Information

| | | | |
|--|--|---------------|----------|
| | | pdf 2.3 MB | Download |
|--|--|---------------|----------|

CAD/CAE-Data

CAD data

| | | | |
|----------------------|--|-----|----------|
| 2D/3D Models 726-221 | | URL | Download |
|----------------------|--|-----|----------|

CAE data

| | | | |
|------------------------|--|-----|----------|
| WSCAD Universe 726-221 | | URL | Download |
|------------------------|--|-----|----------|

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|----------------------|--|-----|----------|
| ZUKEN Portal 726-221 | | URL | Download |
|----------------------|--|-----|----------|

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|---------------------------|--|-----|----------|
| EPLAN Data Portal 726-221 | | URL | Download |
|---------------------------|--|-----|----------|

Environmental Product Compliance

Compliance Search

| | | | |
|--|--|-----|----------|
| Environmental Product Compliance 726-221 | | URL | Download |
|--|--|-----|----------|

Matrix patchboard; 32-pole; Marking 1-32; Colors of modules: gray/white; Module marking, side 1 and 2 vertical; 1,50 mm²; dark gray

Installation Notes

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

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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



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!



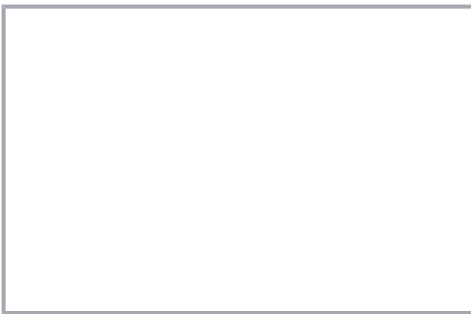
Testing with a 2.3 mm Ø test plug (210-137).



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

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!