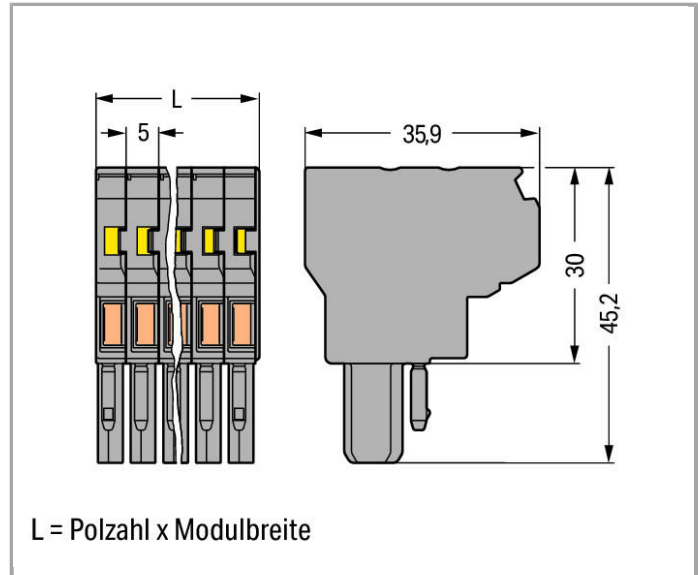


Data sheet | Item number: 769-130

2-conductor female connector; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-130](http://www.wago.com/769-130)



Item description

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)

500 V



|                                 |   |
|---------------------------------|---|
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 32 A  |
| Legend (ratings)                | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

### Connection data

|                                   |  |
|-----------------------------------|--|
| Connection technology             | CAGE CLAMP®                                |
| Actuation type                    | Operating tool                             |
| Connectable conductor materials   | Copper<br>Aluminum                         |
| Nominal cross section             | 4 mm <sup>2</sup>                          |
| Solid conductor                   | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor           | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 Inch            |
| No. of poles                      | 10   |
| Total number of connection points | 20   |
| Total number of potentials        | 10   |
| Type of wiring                    | Front-entry wiring                         |

### Geometrical Data

|        |                      |
|--------|----------------------|
| Width  | 50 mm / 1.969 inch   |
| Height | 45.2 mm / 1.78 inch  |
| Depth  | 35.9 mm / 1.413 inch |

### Mechanical data

|               |              |
|---------------|--------------|
| Marking level | Side marking |
|---------------|--------------|

### Plug connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type          | for conductors          |

### Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.847 MJ             |
| Weight              | 51.81 g              |




### Commercial data

|                   |               |
|-------------------|---------------|
| Country of origin | PL            |
| GTIN              | 4044918474245 |

|                    |                   |
|--------------------|-------------------|
| Customs Tariff No. | 85366990990       |
| Product Group      | 18 (X-COM-System) |

## Approvals / Certificates



### Country specific Approvals

| Logo   | Approval                              | Certificate name |
|--|---------------------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | NTR NL-7626      |
|  | CSA<br>DEKRA Certification B.V.       | 1101144          |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | 2190419.01       |

### Ship Approvals

| Logo   | Approval                           | Certificate name |
|--|------------------------------------|------------------|
|  | ABS<br>American Bureau of Shipping | 14-HG1293677-PDA |

### UL-Approvals

| Logo   | Approval                             | Certificate name |
|--|--------------------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | E45171           |
|  | UR<br>Underwriters Laboratories Inc. | E45172           |

## Compatible products

### Strain relief plate

|  |  |  |
|--|--|--|
|  | Item no.: 769-414<br>Strain relief plate | <a href="http://www.wago.com/769-414">www.wago.com/769-414</a> |
|--|--|--|













### Coding

|  |  |  |
|--|--|--|
|  | Item no.: 769-435<br>Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors | <a href="http://www.wago.com/769-435">www.wago.com/769-435</a> |
|--|--|--|

### Locking lever

|  |   |  |
|--|---|--|
|  | <b>Item no.: 769-430</b><br>Locking lever | <a href="http://www.wago.com/769-430">www.wago.com/769-430</a> |
|  | <b>Item no.: 769-431</b><br>Locking lever | <a href="http://www.wago.com/769-431">www.wago.com/769-431</a> |

### Marking accessories

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
|    | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |
|    | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
|    | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|   | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|  | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
|  | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|  | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                   | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
|  | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                   |
|  | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>   |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; plain; snap-on type                                      | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>   |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                     | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>   |



**Item no.: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)



**Item no.: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)



**Item no.: 248-501/000-017**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)



**Item no.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)



**Item no.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)

#### Male plug



**Item no.: 769-610**  
1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610](http://www.wago.com/769-610)



**Item no.: 769-610/001-000**  
1-conductor male connector; Snap-in mounting feet; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/001-000](http://www.wago.com/769-610/001-000)



**Item no.: 769-610/002-000**  
1-conductor male connector; clamping collar; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/002-000](http://www.wago.com/769-610/002-000)



**Item no.: 769-610/004-000**  
1-conductor male connector; Feedthrough flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/004-000](http://www.wago.com/769-610/004-000)



**Item no.: 769-610/005-000**  
1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/005-000](http://www.wago.com/769-610/005-000)



**Item no.: 769-610/006-000**  
1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole

[www.wago.com/769-610/006-000](http://www.wago.com/769-610/006-000)



**Item no.: 769-640**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640](http://www.wago.com/769-640)



**Item no.: 769-640/003-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/003-000](http://www.wago.com/769-640/003-000)



**Item no.: 769-640/004-000**  
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/004-000](http://www.wago.com/769-640/004-000)



**Item no.: 769-640/007-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-640/007-000](http://www.wago.com/769-640/007-000)

**Item no.: 769-670**

Stiftleiste; mit abgewinkelten Einlötfistfen; Steckrichtung parallel zur Leiterplatte; 1 x 1 mm; Rastermaß 5 mm / 0.197 in; 10-polig

[www.wago.com/769-670](http://www.wago.com/769-670)



**Item no.: 769-670/003-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole

[www.wago.com/769-670/003-000](http://www.wago.com/769-670/003-000)



**Item no.: 769-670/004-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole

[www.wago.com/769-670/004-000](http://www.wago.com/769-670/004-000)

### Protective Warning Marker



**Item no.: 280-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

[www.wago.com/280-415](http://www.wago.com/280-415)

### Insulation stop



**Item no.: 769-470**

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

[www.wago.com/769-470](http://www.wago.com/769-470)



**Item no.: 769-471**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/769-471](http://www.wago.com/769-471)



**Item no.: 769-472**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/769-472](http://www.wago.com/769-472)

### Jumper



**Item no.: 209-100**

Collective carrier for adjacent jumpers; suitable for 279 to 284 Series adjacent jumpers, 215 Series banana plugs

[www.wago.com/209-100](http://www.wago.com/209-100)



**Item no.: 280-402**

Adjacent jumper; insulated; IN = IN terminal block

[www.wago.com/280-402](http://www.wago.com/280-402)



**Item no.: 284-414**

Step-down jumper; insulated; from 10/6 mm<sup>2</sup> to 4/2.5/1.5 mm<sup>2</sup>; Nominal current 15 A

[www.wago.com/284-414](http://www.wago.com/284-414)



**Item no.: 780-452**

Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-452](http://www.wago.com/780-452)



**Item no.: 780-453**

Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-453](http://www.wago.com/780-453)



**Item no.: 780-454**

Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-454](http://www.wago.com/780-454)



**Item no.: 780-455**

Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs

















[www.wago.com/780-455](http://www.wago.com/780-455)



**Item no.: 780-456**

Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-456](http://www.wago.com/780-456)

|  |  |  |
|--|--|--|
|    | <b>Item no.: 780-457</b><br>Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs | <a href="http://www.wago.com/780-457">www.wago.com/780-457</a> |
|    | <b>Item no.: 780-458</b><br>Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs | <a href="http://www.wago.com/780-458">www.wago.com/780-458</a> |
|    | <b>Item no.: 781-453</b><br>Staggered jumper; insulated; from 1 to 3; Spacing: 6 mm  | <a href="http://www.wago.com/781-453">www.wago.com/781-453</a> |
| <b>check</b>   |  |  |
|    | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable   | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a> |
|    | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable   | <a href="http://www.wago.com/210-137">www.wago.com/210-137</a> |
| <b>ferrule</b>   |  |  |
|    | <b>Item no.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated              | <a href="http://www.wago.com/216-101">www.wago.com/216-101</a> |
|    | <b>Item no.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated             | <a href="http://www.wago.com/216-102">www.wago.com/216-102</a> |
|   | <b>Item no.: 216-103</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated                | <a href="http://www.wago.com/216-103">www.wago.com/216-103</a> |
|  | <b>Item no.: 216-104</b><br>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>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated                | <a href="http://www.wago.com/216-201">www.wago.com/216-201</a> |
|  | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated               | <a href="http://www.wago.com/216-202">www.wago.com/216-202</a> |
|  | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated                  | <a href="http://www.wago.com/216-203">www.wago.com/216-203</a> |
|  | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated                | <a href="http://www.wago.com/216-204">www.wago.com/216-204</a> |
|  | <b>Item no.: 216-206</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated                | <a href="http://www.wago.com/216-206">www.wago.com/216-206</a> |
|  | <b>Item no.: 216-301</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated               | <a href="http://www.wago.com/216-301">www.wago.com/216-301</a> |
|  | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated               | <a href="http://www.wago.com/216-302">www.wago.com/216-302</a> |

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