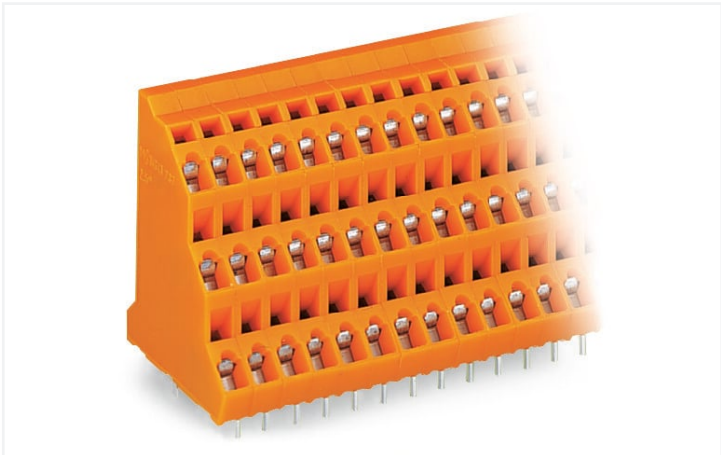
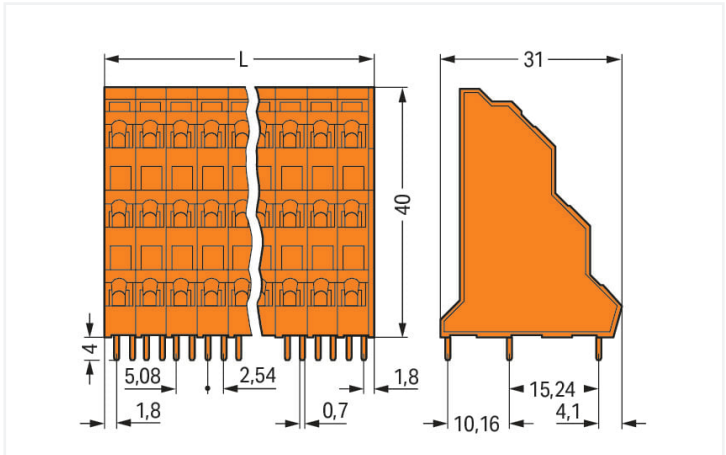


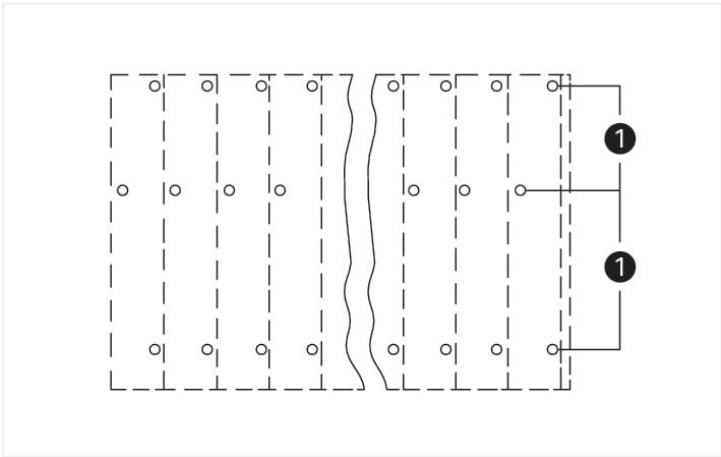


Color: ■ orange

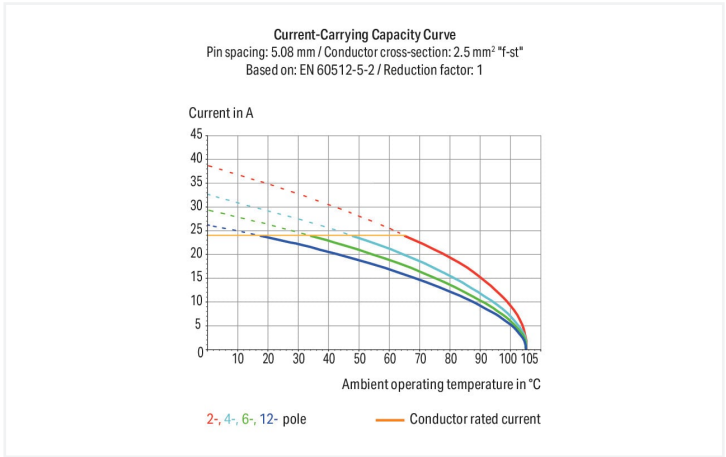
Similar to illustration



Dimensions in mm  
 $L = ((\text{pole no.} / 3) \times \text{pin spacing}) + 1 \text{ mm}$



(1) Solder pins for deck 2 staggered by half the pin spacing



- PCB terminal strips with screwdriver-actuated CAGE CLAMP® connection
- High-density, triple-deck design for space-efficient wiring of multiple conductors in confined areas
- Custom marking for all termination levels

| Notes     |                                                                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Mixed-color PCB connector strips<br>Direct marking<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .<br>Other pole numbers<br>Other colors |

| Electrical data      |                |                     |                |
|----------------------|----------------|---------------------|----------------|
| Ratings              |                | between the modules |                |
| Ratings per          | IEC/EN 60664-1 | IEC/EN 60664-1      | IEC/EN 60664-1 |
| Overvoltage category | III            | III                 | II             |
| Pollution degree     | 3              | 2                   | 2              |
| Nominal voltage      | 250 V          | 320 V               | 630 V          |
| Rated surge voltage  | 4 kV           | 4 kV                | 4 kV           |
| Rated current        | 21 A           | 21 A                | 21 A           |

| Ratings              |                | between the decks |                |
|----------------------|----------------|-------------------|----------------|
| Ratings per          | IEC/EN 60664-1 | IEC/EN 60664-1    | IEC/EN 60664-1 |
| Overvoltage category | III            | III               | II             |
| Pollution degree     | 3              | 2                 | 2              |
| Nominal voltage      | 320 V          | 320 V             | 630 V          |
| Rated surge voltage  | 4 kV           | 4 kV              | 4 kV           |
| Rated current        | 21 A           | 21 A              | 21 A           |



| Approvals per |  | UL 1059 |   |
|---------------|--|---------|---|
| Use group     |  | B       | C |
| Rated voltage |  | 300 V   | - |
| Rated current |  | 10 A    | - |

| Approvals per |  | CSA   |   |
|---------------|--|-------|---|
| Use group     |  | B     | C |
| Rated voltage |  | 300 V | - |
| Rated current |  | 10 A  | - |

Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 12 |
| Total number of potentials | 12 |
| Number of connection types | 1  |
| Number of levels           | 3  |

| Connection 1                                      |                                  |
|---------------------------------------------------|----------------------------------|
| Connection technology                             | CAGE CLAMP®                      |
| Actuation type                                    | Operating tool                   |
| Solid conductor                                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor                           | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 1.5 mm²                 |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm²                 |
| Note (conductor cross-section)                    | 12 AWG: THHN, THWN               |
| Strip length                                      | 5 ... 6 mm / 0.2 ... 0.24 inches |
| Conductor connection direction to PCB             | 45 °                             |
| Pole number                                       | 12                               |

Physical data

|                                      |                         |
|--------------------------------------|-------------------------|
| Pin spacing                          | 5.08 mm / 0.2 inches    |
| Width                                | 21.32 mm / 0.839 inches |
| Height                               | 44 mm / 1.732 inches    |
| Height from the surface              | 40 mm / 1.575 inches    |
| Depth                                | 31 mm / 1.22 inches     |
| Solder pin length                    | 4 mm                    |
| Solder pin dimensions                | 0.7 x 0.7 mm            |
| Drilled hole diameter with tolerance | 1.3 (+0.1) mm           |

PCB contact

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| PCB contact                         | THT                                   |
| Solder pin arrangement              | within the terminal block (staggered) |
| Number of solder pins per potential | 1                                     |

Material data

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Note (material data)        | <a href="#">Information on material specifications can be found here</a> |
| Color                       | orange                                                                   |
| Material group              | I                                                                        |
| Insulation material         | Polyamide (PA66)                                                         |
| Flammability class per UL94 | V0                                                                       |
| Clamping spring material    | Chrome-nickel spring steel (CrNi)                                        |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact plating             | Tin                                                                      |
| Fire load                   | 0.257 MJ                                                                 |
| Weight                      | 17.2 g                                                                   |



| Environmental requirements |                 |
|----------------------------|-----------------|
| Limit temperature range    | -60 ... +105 °C |

| Commercial data       |                                |
|-----------------------|--------------------------------|
| Product Group         | 4 (Printed Circuit Connectors) |
| eCl@ss 10.0           | 27-44-04-01                    |
| eCl@ss 9.0            | 27-44-04-01                    |
| ETIM 8.0              | EC002643                       |
| ETIM 7.0              | EC002643                       |
| PU (SPU)              | 48 pcs                         |
| Packaging type        | Box                            |
| Country of origin     | PL                             |
| GTIN                  | 4045454022976                  |
| Customs tariff number | 85369010000                    |

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

Approvals / Certificates

| General approvals                    |               | Declarations of conformity and manufacturer's declarations |
|--------------------------------------|---------------|------------------------------------------------------------|
|                                      |               |                                                            |
| Approval                             | Standard      | Certificate Name                                           |
| CCA<br>DEKRA Certification B.V.      | EN 60947      | NTR NL-7960                                                |
| CCA<br>DEKRA Certification B.V.      | EN 60947-7-4  | 2169331.28                                                 |
| CCA<br>DEKRA Certification B.V.      | EN 60947-7-4  | NTR NL 7445                                                |
| CSA<br>DEKRA Certification B.V.      | C22.2 No. 158 | 70049157                                                   |
| UR<br>Underwriters Laboratories Inc. | UL 1059       | E45172                                                     |
|                                      |               | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    |
|                                      |               | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    |

Approvals for marine applications

| Approval                                | Standard  | Certificate Name |
|-----------------------------------------|-----------|------------------|
| ABS<br>American Bureau of Ship-<br>ping | -         | 19-HG1869876-PDA |
| BV<br>Bureau Veritas S.A.               | IEC 60998 | 11915/D0 BV      |
| DNV<br>DNV GL SE                        | -         | TAE000016Z       |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 737-404

↓

Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

Gebrückte Klemmen-leisten für Leiterplatten

pdf

303.71 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 737-404

↓

CAE data

EPLAN Data Portal 737-404

↓

ZUKEN Portal 737-404

↓

PCB Design

Symbol and Footprint via SamacSys 737-404

↓

Symbol and Footprint via Ultra Librarian 737-404

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                             |                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><a href="#">Item No.: 216-301</a><br/>Ferrule; Sleeve for 0.25 mm² / AWG 24; in-sulated; electro-tin plated; yellow</div>                                                                       |  <div><a href="#">Item No.: 216-321</a><br/>Ferrule; Sleeve for 0.25 mm² / AWG 24; in-sulated; electro-tin plated; yellow</div>          |  <div><a href="#">Item No.: 216-151</a><br/>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated</div>      |  <div><a href="#">Item No.: 216-131</a><br/>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-co-<br/>lored</div>                                                   |
|  <div><a href="#">Item No.: 216-302</a><br/>Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-sulated; electro-tin plated; light turquoise</div>                                                              |  <div><a href="#">Item No.: 216-322</a><br/>Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-sulated; electro-tin plated; light turquoise</div> |  <div><a href="#">Item No.: 216-132</a><br/>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated</div>      |  <div><a href="#">Item No.: 216-152</a><br/>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated</div>                                                                         |
|  <div><a href="#">Item No.: 216-241</a><br/>Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-sulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white</div> |  <div><a href="#">Item No.: 216-201</a><br/>Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-sulated; electro-tin plated; white</div>            |  <div><a href="#">Item No.: 216-221</a><br/>Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-sulated; electro-tin plated; white</div> |  <div><a href="#">Item No.: 216-141</a><br/>Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div> |



1.1.1.1 Ferrule

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored                                                               | <br><b>Item No.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored                                                         | <br><b>Item No.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray               | <br><b>Item No.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray  |
| <br><b>Item No.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray                                                                           | <br><b>Item No.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray                                                                     | <br><b>Item No.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                  | <br><b>Item No.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored                                                             |
| <br><b>Item No.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored                                                              | <br><b>Item No.: 216-243</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | <br><b>Item No.: 216-263</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red                   | <br><b>Item No.: 216-203</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red                                                                              |
| <br><b>Item No.: 216-223</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red                                                                               | <br><b>Item No.: 216-103</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated                                                                           | <br><b>Item No.: 216-143</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                     | <br><b>Item No.: 216-123</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; silver-colored                                                                |
| <br><b>Item No.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black                                                                          | <br><b>Item No.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black                                                                    | <br><b>Item No.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black              | <br><b>Item No.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black |
| <br><b>Item No.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <br><b>Item No.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated                                                                       | <br><b>Item No.: 216-144</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored | <br><b>Item No.: 216-104</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored                                                            |
| <br><b>Item No.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored                                                             |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |

1.1.2 Marking

1.1.2.1 Marking strip

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 210-332/508-202</b><br>Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white | <br><b>Item No.: 210-332/508-205</b><br>Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white | <br><b>Item No.: 210-332/508-204</b><br>Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white | <br><b>Item No.: 210-332/508-206</b><br>Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1.1.3 Test and measurement

1.1.3.1 Testing accessories



**Item No.: 231-426**  
Testing plug module with contact stud; orange



**Item No.: 231-455**  
Testing plug module with contact stud; Pin spacing 5.08 mm / 0.2 in; 2,50 mm<sup>2</sup>; orange

1.1.4 Tool

1.1.4.1 Operating tool



**Item No.: 210-658**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



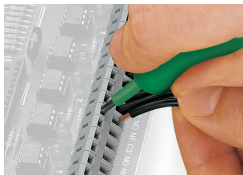
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



**Item No.: 210-657**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

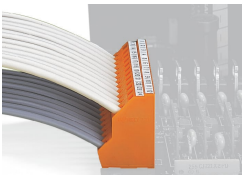
Installation Notes

Conductor termination



Inserting a conductor via 3.5 mm screwdriver.  
Screwdriver actuation parallel to conductor entry

Installation



Low space requirements due to high-density design  
Double-deck PCB terminal strip – 736 Series



**Possible combination:**  
Double- (736 Series) and triple-deck PCB terminal strips (737 Series) upon request



**Possible combination:**  
Double- (736 Series) and triple-deck PCB terminal strips (737 Series) upon request

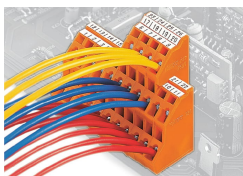


**Possible combination:**  
Double- (737 Series) and quadruple-deck PCB terminal strips (738 Series) upon request

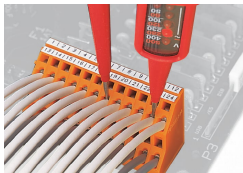


**Possible combination:**  
Double- (737 Series) and quadruple-deck PCB terminal strips (738 Series) upon request

## Marking



## Testing



Testing via contact area above the conductors.