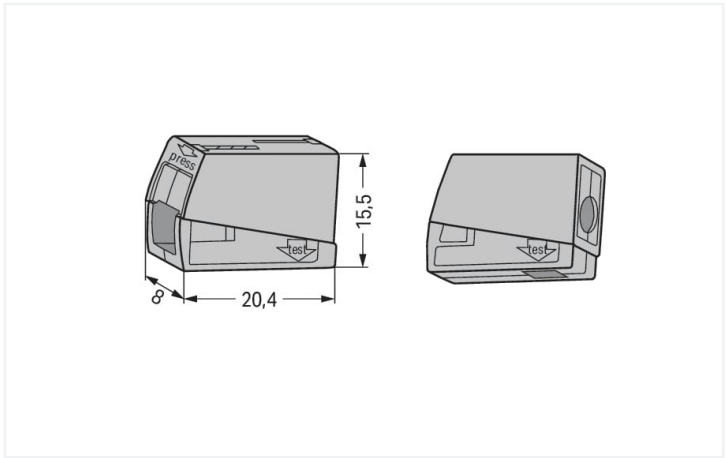


Data Sheet | Item Number: 224-101

Conector pentru iluminat; buton cu reținere pe partea de iluminare; Parte iluminare: pt toate tipurile cond.; Parte inst.: pt conductori masivi; Seria 224; max. 2,5 mm²; Temperatură aer ambiant: max 60°C; 2,50 mm²; gri



Color: ■ gri



Dimensions in mm

Notes

|                    |                         |
|--------------------|-------------------------|
| Safety Information | in grounded power lines |
|--------------------|-------------------------|

Electrical data

| Ratings per          | EN 60664 |     |       |
|----------------------|----------|-----|-------|
| Overvoltage category | III      | III | II    |
| Pollution degree     | 3        | 2   | 2     |
| Nominal voltage      | -        | -   | 400 V |
| Rated surge voltage  | -        | -   | 4 kV  |
| Rated current        | -        | -   | 24 A  |

Connection data

|                            |   |
|----------------------------|---|
| Clamping units             | 2 |
| Total number of potentials | 1 |

| Connection 1                    |                    |
|---------------------------------|--------------------|
| Connection type 1               | Installation side  |
| Connection technology           | PUSH WIRE®         |
| Number of connection points     | 1                  |
| Actuation type                  | Push-in            |
| Connectable conductor materials | Copper<br>Aluminum |



| Connection 1                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connectable conductor materials (note) | <p><b>Terminating Aluminum Conductors (Not for use in North America)</b></p> <p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO “Alu-Plus” Contact Paste <a href="#">249-130</a> is used for termination.</p> <p>“Alu-Plus” Contact Paste Advantages:</p> <ul style="list-style-type: none"><li>• Automatically destroys the oxide film during clamping.</li><li>• Prevents fresh oxidation at the clamping point.</li><li>• Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li><li>• Provides long-term protection against corrosion.</li></ul> <p>Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, <b>aluminum conductors must first be cleaned with a blade</b> and then immediately be inserted into the clamping units filled with “Alu-Plus” Contact Paste.</p> <p>For spring clamp connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> and then immediately inserted into the clamping unit filled with “Alu-Plus” contact paste.</p> <p>It is also possible to apply WAGO “Alu-Plus” <b>additionally</b> on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm² = 16 A</p> <p>4 mm² = 22 A</p> |
| Solid conductor                        | 1 ... 2,5 mm² / 14 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Strip length                           | 9 ... 11 mm / 0.35 ... 0.43 inci                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Wiring direction                       | Side-entry wiring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Connection 2                  |                                 |
|-------------------------------|---------------------------------|
| Connection type 2             | Lighting side                   |
| Connection technology 2       | CAGE CLAMP®                     |
| Number of connection points 2 | 1                               |
| Solid conductor 2             | 0,5 ... 2,5 mm² / 20 ... 16 AWG |
| Fine-stranded conductor 2     | 0,5 ... 2,5 mm² / 20 ... 16 AWG |

| Physical data |                      |
|---------------|----------------------|
| Width         | 8 mm / 0.315 inci    |
| Height        | 15,5 mm / 0.61 inci  |
| Depth         | 20,4 mm / 0.803 inci |

| Material data        |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Color                | gri                                                                      |
| Fire load            | 0.04 MJ                                                                  |
| Weight               | 1.8 g                                                                    |



| Environmental requirements       |        |
|----------------------------------|--------|
| Ambient temperature (operation)  | +60 °C |
| Continuous operating temperature | 105 °C |

| Commercial data       |                 |
|-----------------------|-----------------|
| eCl@ss 10.0           | 27-14-11-03     |
| eCl@ss 9.0            | 27-14-11-03     |
| ETIM 8.0              | EC000446        |
| ETIM 7.0              | EC000447        |
| PU (SPU)              | 1000 (100) Buc. |
| Packaging type        | Box             |
| Country of origin     | CH              |
| GTIN                  | 4044918583817   |
| Customs tariff number | 85369010000     |

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