With the new WGK series of panel feed-through terminals, Weidmüller offers a universal solution for feeding currents of different magnitudes through enclosure walls. Locking together housing halves enable a separable and easily mounted joint for connection of system components. The use of proven Weidmüller clamping yoke connection systems guarantees a maintenance-free and vibration-proof joint.

The finger-touch safe insulated housing, designed in flammability class UL 94-V0, can be marked with standard Weidmüller markers. WGK panel feed-through terminals are available for rated cross-sections of 4, 10, 16, 25, 50 and 95 mm².

Besides the standard versions with 2 housing halves with horizontal connecting direction, versions with vertical wire entry and versions for connecting cable lugs on the inside half of the housing are also available. All versions are also optionally available with pins for easy end-to-end mounting.
Panel feed-through terminals

**Technical data**

**Rated data**
- Rated voltage V:
  - IEC: 400
  - UL: 300
  - CSA: 300
- Rated current A:
  - IEC: 41
  - UL: 30
  - CSA: 30
- Rated cross-section mm²:
  - IEC: 4 AWG
  - UL: 30
  - CSA: 22
- Rated impulse withstand voltage / Pollution severity kV/-:
  - IEC: 6 / 3
- Gauge to IEC 60947-1 / UL94 Flammability class:
  - A3 / V-0

**Approvals**
- IEC 60947-7-1, UL 1059; CSA ...
- EN 60079-7

**Clamped conductors (H05V/H07V)**
- Solid / stranded mm²:
  - 4 mm²
- Flexible / Flexible with wire end ferrule mm²:
  - 4 mm²

**Tightening torque range (clamping screw) Nm**:
- 8 / 0.6 x 3.5

**Stripping length / Blade size mm / -**:
- 8 / 0.6 x 3.5

**Rated connection further connection**
- 0.2 ... 6 / 0.2 ... 4
- 0.2 ... 4 / 0.25 ... 4
- 0.6

**Rated connection further connection**
- 0.2 ... 6 / 0.2 ... 4
- 0.2 ... 4 / 0.25 ... 4
- 0.6

**Note**

**Ordering data**

**Type**
- WGK 4
- WGK 4 gn/ye
- WGK 4/Z
- WGK 4/Z gn/ye

**Qty.**
- 1936550000
- 1936540000
- 1936570000
- 1936560000

**Order No.**
- 1934050000
- 1936610000
- 1936630000
- 1936620000

**Type width [mm]**
- DP WGK 4 50
- SDI 0.6x3.5x100 1
- DEK 5, 6 and 8

**Qty.**
- 1936450000
- 9008390000
- 9008390000

**Order No.**
- 1936450000
- 9008390000
- 9008390000

**Accessories**

**Spacer plate**

**Screwdrivers**
- with cutting device “swifty set”

**Labelling systems**
- (see large assortment in catalogue 7)

**Marking tags**
- DEK 5, 6 and 8

**Technical Drawing**
Panel feed-through terminals

### WGK 10

- **Size**: 10 mm²

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGK 10</td>
<td></td>
<td>1936510000</td>
</tr>
<tr>
<td>WGK 10 gn/ye</td>
<td></td>
<td>1936500000</td>
</tr>
<tr>
<td>WGK 10/Z</td>
<td></td>
<td>1936630000</td>
</tr>
<tr>
<td>WGK 10/Z gn/ye</td>
<td></td>
<td>1936520000</td>
</tr>
</tbody>
</table>

### WGKV 10

- **Size**: 10 mm²

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGKV 10</td>
<td></td>
<td>19340600000</td>
</tr>
<tr>
<td>WGKV 10 gn/ye</td>
<td></td>
<td>19365800000</td>
</tr>
<tr>
<td>WGKV 10/Z</td>
<td></td>
<td>19366000000</td>
</tr>
<tr>
<td>WGKV 10/Z gn/ye</td>
<td></td>
<td>19365900000</td>
</tr>
</tbody>
</table>

### Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>Width [mm]</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP WGK 10</td>
<td>25.5</td>
<td>50</td>
<td>19364400000</td>
</tr>
<tr>
<td>DEK 5, 6 and 8</td>
<td></td>
<td>1</td>
<td>90084000000</td>
</tr>
</tbody>
</table>

### Dimensions

- **Panel feed-through terminals**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>10.1 mm²</td>
</tr>
<tr>
<td>Height</td>
<td>24.5 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>18.8 mm</td>
</tr>
<tr>
<td>Diameter</td>
<td>3.3 mm</td>
</tr>
</tbody>
</table>

**IEC 60947-7-1 (-7-2)**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC</td>
<td>60079-7</td>
</tr>
<tr>
<td>UL</td>
<td>1059</td>
</tr>
<tr>
<td>CSA</td>
<td>EN 60079-7</td>
</tr>
</tbody>
</table>

**Rated Connection**

- **0.5 ... 16**
- **0.5 ... 10**
- **1.2**

**Other**: 11 / 0.8 x 4

---

**Note**: The information provided is a natural representation of the content in the image. The data is organized in a structured format for clarity and ease of reading.
Panel feed-through terminals

Technical data

<table>
<thead>
<tr>
<th>Width / length / height internal</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width / length / height external</td>
<td>mm</td>
</tr>
<tr>
<td>max. current / max. conductor</td>
<td>A/mm²</td>
</tr>
<tr>
<td>max. clamping range</td>
<td>mm²</td>
</tr>
</tbody>
</table>

Rated data

- Rated voltage: V
- Rated current: A
- Rated cross-section: mm²
- Rated impulse withstand voltage / Pollution severity: kV/
- Gauge to IEC 60947-1 / UL94 Flameability class
- Approvals

Clamped conductors (H05V/H07V)

<table>
<thead>
<tr>
<th>Solid / stranded</th>
<th>mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible / Flexible with wire end ferrule</td>
<td>mm²</td>
</tr>
<tr>
<td>Tightening torque range (clamping screw)</td>
<td>Nm</td>
</tr>
<tr>
<td>Stripping length / Blade size</td>
<td>mm / -</td>
</tr>
</tbody>
</table>

Note

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>WGK 16 gn/ye</td>
<td></td>
<td>1936820000</td>
</tr>
<tr>
<td>WGK 16/Z</td>
<td></td>
<td>1936830000</td>
</tr>
<tr>
<td>WGK 16/Z gn/ye</td>
<td></td>
<td>1936780000</td>
</tr>
</tbody>
</table>

Type width [mm] Qty. Order No.

| DP WGK 16 | 50 | 1936700000 |

Note

Accessories

- Spacer plate
- Screwdrivers
- Labelling systems

Technical Drawing
### Panel feed-through terminals

#### WGK 25
- **25 mm²**
- Dimensions: 15.1 x 30 x 45
- AWG: 125 / 25
- Connector: 6 / 3

#### WGK 25 VP
- **25 mm²**
- Dimensions: 15.1 x 38.5 x 48.5
- AWG: 125 / 25
- Connector: 6 / 3

#### WGKV 25
- **25 mm²**
- Dimensions: 15.1 x 30 x 45
- AWG: 125 / 25
- Connector: 6 / 3

---

### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1936900000</td>
</tr>
<tr>
<td>WGK 25 gn/ye</td>
<td>1936910000</td>
<td></td>
</tr>
<tr>
<td>WGK 25/Z</td>
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<td>1936910000</td>
</tr>
<tr>
<td>WGK 25/Z gn/ye</td>
<td>1936900000</td>
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</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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</thead>
<tbody>
<tr>
<td>DP WGK 25</td>
<td>50</td>
<td>1936710000</td>
</tr>
<tr>
<td>SDI 1.0x5.5 x125</td>
<td>1 9008410000</td>
<td></td>
</tr>
<tr>
<td>DEK 6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Additional Information

- **IEC 60947-7-1 (-7-2)**
- **UL**
- **CSA**
- **EN 60079-7**
- **500 600 600**
- **125 100 100**
- **25 AWG 8 ... 3 AWG 8 ... 4**
- **6 / 3**
- **B8 / V-0**
- **IEC 60947-7-1, UL 1059; CSA ...**
- **Rated connection**
- **Further connection**

---

### Orders

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<tr>
<th>Type</th>
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<tr>
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<tr>
<td>WGK 25 VP gn/ye</td>
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<tr>
<td>WGK 25 VP/Z</td>
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<td>1936990000</td>
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<tr>
<td>WGK 25 VP/Z gn/ye</td>
<td>1936880000</td>
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<table>
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<tr>
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<tbody>
<tr>
<td>DP WGK 25</td>
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<td>1936710000</td>
</tr>
<tr>
<td>SDI 1.0x5.5 x125</td>
<td>1 9008410000</td>
<td></td>
</tr>
<tr>
<td>DEK 6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Additional Dimensions

- **Type width [mm]**
- **Qty.**
- **Order No.**

---

### Technical Details

- **Dimensions**: 15.1 x 30 x 45
- **AWG**: 125 / 25
- **Connector**: 6 / 3

---

### Additional Technical Specifications

- **IEC 60947-7-1 (-7-2)**
- **UL**
- **CSA**
- **EN 60079-7**
- **500 600 600**
- **125 100 100**
- **25 AWG 8 ... 3 AWG 8 ... 4**
- **6 / 3**
- **B8 / V-0**
- **IEC 60947-7-1, UL 1059; CSA ...**
- **Rated connection**
- **Further connection**
Panel feed-through terminals

Width / length / height internal mm
Width / length / height external mm
max. current / max. conductor A/mm²
max. clamping range mm²

Technical data
Rated data
Rated voltage V
Rated current A
Rated cross-section mm²
Rated impulse withstand voltage / Pollution severity kV/
Gauge to IEC 60947-1 / UL34 Flammability class
Approvals
Clamped conductors (H05V/H07V)
Solid / stranded mm²
Flexible / Flexible with wire end ferrule mm²
Tightening torque range (clamping screw) Nm
Stepping length / Blade size mm / -

Note
Ordering data
Version

Note

Accessories
Spacer plate

Screwdrivers
with cutting device “swifty set”
Standard

Labelling systems
(see large assortment in catalogue 7)
Marking tags

Technical Drawing
Panel feed-through terminals

### WGK 95

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
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<tbody>
<tr>
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<tr>
<td>WGK 95 gn/ye</td>
<td></td>
<td>1937370000</td>
</tr>
<tr>
<td>WGK 95/Z</td>
<td></td>
<td>1937400000</td>
</tr>
<tr>
<td>WGK 95/Z gn/ye</td>
<td></td>
<td>1937390000</td>
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</table>

### WGK 95 F VP

<table>
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<tr>
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<tbody>
<tr>
<td>WGK 95 F VP</td>
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</tr>
<tr>
<td>WGK 95 F VP gn/ye</td>
<td></td>
<td>1937120000</td>
</tr>
<tr>
<td>WGK 95 F VP/Z</td>
<td></td>
<td>1937140000</td>
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<tr>
<td>WGK 95 F VP/Z gn/ye</td>
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<td>1937360000</td>
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</table>

### WGK 95 F VP

<table>
<thead>
<tr>
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<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP WGK 95</td>
<td>50</td>
<td>19370200000</td>
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### WGK 95

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEK 5, 6 and 8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

IEC 60947-7-1 (-7-2)

<table>
<thead>
<tr>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
<th>EN 60079-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>232</td>
<td>230</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>AWG 4</td>
<td>4/0</td>
<td>AWG 2</td>
</tr>
<tr>
<td></td>
<td>B12/13 / V-0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Rated connection further connection

25 ... 95 / 35 ... 95
35 ... 95
15
27

Metal walls: 1 - 2.5 mm = 1000 V; 2.5 - 4 mm = 800 V; 5 - 6 mm = 690 V
Plastic walls: 1 - 6 mm = 1000 V

---

DEK 6
Panel feed-through terminals with horizontal or vertical wire entry:

WGK products are especially suitable for industrial enclosures for frequency inverters, power supplies or filter modules for which finger-touch safe insulated housings offer convenient and reliable connection systems on the inside and outside. Versions with rated cross-sections of 4, 10, 16, 25, 50 and 95 mm² are available.

Panel feed-through terminals for connection of cable lugs:

The WGK...VP version with an insulated housing with clamping yoke connection on the outside and cable lug connection on the current bar on the inside are especially suitable for use in encapsulated devices such as filter modules. The external connection of these versions is identical to the WGK panel feed-through terminals with horizontal wire entry. A sealing plate that prevents the escape of encapsulating compound by means of a seal is used on the internal side for fastening in the enclosure wall. The WGK...VP versions are available in rated cross-sections of 16 – 95 mm².