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.
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

**Technical data**

<table>
<thead>
<tr>
<th>Width/Length/External height</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>max. current / max. cond. cross-section</td>
<td>A/mm²</td>
</tr>
<tr>
<td>Max. clamping range</td>
<td>mm²</td>
</tr>
</tbody>
</table>

**Rated data**

<table>
<thead>
<tr>
<th>Rated data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage V</td>
<td></td>
</tr>
<tr>
<td>Rated current A</td>
<td></td>
</tr>
<tr>
<td>Rated cross-section</td>
<td>mm²</td>
</tr>
<tr>
<td>Rated impulse voltage / Pollution severity kV/-</td>
<td></td>
</tr>
<tr>
<td>Gauge to IEC 60947-1 / UL94 Flammability class</td>
<td></td>
</tr>
</tbody>
</table>

**Approvals**

<table>
<thead>
<tr>
<th>Approvals</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamped conductors (H05V/H07V)</td>
<td></td>
</tr>
<tr>
<td>solid / stranded</td>
<td>mm²</td>
</tr>
<tr>
<td>flexible / Stranded wire with end ferrules</td>
<td>mm²</td>
</tr>
<tr>
<td>Tightening torque range (clamping screw)</td>
<td>mm²</td>
</tr>
<tr>
<td>Stripping length / Blade size</td>
<td>mm²</td>
</tr>
</tbody>
</table>

**Note**

- Width/Length/External height
- max. current / max. cond. cross-section A/mm²
- Max. clamping range mm²

**Ordering data**

<table>
<thead>
<tr>
<th>Version</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Note</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Spacer plate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Screwdriver</td>
<td>Standard</td>
</tr>
</tbody>
</table>

**Marking systems**

<table>
<thead>
<tr>
<th>(see assortment in catalogue 7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking tags</td>
<td></td>
</tr>
</tbody>
</table>

**Technical drawing**

<table>
<thead>
<tr>
<th>Feed-through device terminals - WGK</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WGK 4</strong></td>
<td><strong>4 mm²</strong></td>
<td><strong>WGKV 4</strong></td>
</tr>
<tr>
<td><strong>Screw connection</strong></td>
<td></td>
<td><strong>Screw connection</strong></td>
</tr>
<tr>
<td>8.1 x 35.5 x 21.5</td>
<td>41/6</td>
<td>8.1 x 40 x 24</td>
</tr>
<tr>
<td>0.5...6</td>
<td></td>
<td>0.5...6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical drawing</th>
<th></th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Technical drawing</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WGK 10

Screw connection

10 mm²

10.1 x 43.3 x 31.4
76 / 16
0.5...16

IEC 60947- 7- 1
UL CSA

250 300 300
57 65 65
10 AWG 24...6
12 AWG 24...6
6 / 3
B6 / V-0

Rated connection
0.5...16 / 0.5...16
0.5...10 / 0.5...10
1.2 Nm (M 4)

TT / 0.8 x 4 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

Type Qty Order No.
WGK 10 50 1936510000
WGK 10 GN/YE 50 1936500000
WGK 10/Z 50 1936530000
WGK 10/Z gn/ye 50 1936520000

Type Width Qty Order No.
DP WGK 10 5.5 mm 50 1936440000
SDI 0,8x4,0x100 1 9008400000

DEK 5/5 / DEK 5/6 / DEK 5/8

WGKV 10

Screw connection

10 mm²

10.1 x 49.8 x 32.8
76 / 16
0.5...16

IEC 60947- 7- 1
UL CSA

250 300 300
57 65 65
10 AWG 24...6
12 AWG 24...6
6 / 3
B6 / V-0

Rated connection
0.5...16 / 0.5...16
0.5...10 / 0.5...10
1.2 Nm (M 4)

TT / 0.8 x 4 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

Type Qty Order No.
WGKV 10 50 1936400000
WGKV 10 gn/ye 50 1936580000
WGKV 10/Z 50 1936830000
WGKV 10/Z gn/ye 50 1936820000

Type Width Qty Order No.
DP WGK 16 5.5 mm 50 1936700000
SDI 1,0x5,5x125 1 9008410000

DEK 5/5 / DEK 5/6 / DEK 5/8

WGK 16

Screw connection

16 mm²

12.1 x 63.5 x 40.4
101 / 25
0.5...25

IEC 60947- 7- 1
UL CSA

500 600 600
76 85 85
16 AWG 20...4
10 AWG 20...4
6 / 3
B7 / V-0

Rated connection
0.5...16 / 0.5...25
0.5...10 / 0.5...25
3.0 Nm (M 5)

TT / 1.0 x 5.5 mm

Metal walls: 1 – 2.5 mm = 800 V; 2.5 – 4 mm = 690 V; 4 – 6 mm = 500 V; plastic walls: 1 – 6 mm = 800 V

Type Qty Order No.
WGK 16 50 1936610000
WGK 16 gn/ye 50 1936760000
WGK 16/Z 50 1936630000
WGK 16/Z gn/ye 50 1936620000

Type Width Qty Order No.
DP WGK 16 5.5 mm 50 1936700000
SDI 1,0x5,5x125 1 9008410000

DEK 5/5 / DEK 5/6 / DEK 5/8
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### Technical data

**Rated data**
- **Rated voltage**: V
- **Rated current**: A
- **Rated cross-section**: mm²
- **Rated impulse voltage / Pollution severity**: kV/-
- **Approvals**: IEC 60947-1 / UL94 Flammability class

**Clamped conductors (H05V/H07V)**
- **solid / stranded**: mm²
- **flexible / Stranded wire with end ferrules**: mm²
- **Tightening torque range (clamping screw)**: mm
- **Stripping length / Blade size**: mm

### Ordering data

**Version**

**Note**

### Accessories

**Spacer plate**

**Screwdriver**

**Standard**

### Marking systems

(see assortment in catalogue 7)

**DEK 5/6**

### Technical drawing
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### Technical data

**Rated data**
- Rated voltage: V
- Rated current: A
- Rated cross-section: mm²
- Rated impulse voltage / Pollution severity: kV/-

**Approvals**
- Gauge to IEC 60947-1 / UL94 Flammability class

**Clamped conductors (H05V/H07V)**
- solid / stranded: mm²
- flexible / Stranded wire with end ferrules: mm²

**Tightening torque range (clamping screw)**
- mm/-

**Stripping length / Blade size**
- mm/-

---

### Ordering data

**Version**

**Note**

---

### Accessories

**Spacer plate**

**Screwdriver**
- Standard

---

### Marking systems

(see assortment in catalogue 7)

**Marking tags**
- DEK 5/6
- DEK 5/6

---

### Technical drawing

**Feed-through device terminals - WGK**

**WGK 25 VP**

**Kabelschuhanschluss**

- 25 mm²
- 15.1 x 38.5 x 48.5
- 125 / 35
- 6...35

**WGKV 25**

**Screw connection**

- 25 mm²
- 15.1 x 75.7 x 54
- 125 / 35
- 6...35

---

**Width/Length/External height**
- mm

**Max. current / max. cond. cross-section**
- A/mm²

**Max. clamping range**
- mm²

---

**Marking systems**

(see assortment in catalogue 7)

**Marking tags**
- DEK 5/6
- DEK 5/6

---

**Technical drawing**

---

---
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### Technical data

**Rated data**
- Rated voltage: V
- Rated current: A
- Rated cross-section: mm²
- Rated impulse voltage / Pollution severity: kV
- Rated withstand voltage: kV

**Gauge to IEC 60947-1 / UL94 Flammability class**

**Approvals**

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

**Stripping length / Blade size** mm

### Note

### Ordering data

**Version**

**Note**

### Accessories

**Spacer plate**

**Screwdriver**

**Standard**

### Marking systems

(see assortment in catalogue 7)

**Marking tags**

**DEK 5/8**

### Technical drawing

**WGK 50**

**50 mm²**

**Screw connection**

- Width/Length/External height: mm
- Max. current / max. cond. cross-section: A
- Max. clamping range: mm

### WGK 50 VP

**50 mm²**

**Kabelschuhanschluss**

- Width/Length/External height: mm
- Max. current / max. cond. cross-section: A
- Max. clamping range: mm

**Ordering data**

**Type**

**Qty**

**Order No.**

**WGK 50**

10

1937090000

**WGK 50 VP**

10

1937050000

**WGK 50/GN/YE**

10

1937070000

**WGK 50/Z**

10

1937110000

**WGK 50/Z GN/YE**

10

1937070000

**Type**

**Width**

**Qty**

**Order No.**

**DP WGK 50**

7.2

10

1937030000

**SDI 1,2x6,5x150**

1

9008420000

**DEK 5/8**

**Type**

**Width**

**Qty**

**Order No.**

**DP WGK 50 VP**

7.2

10

1937050000

**SDI 1,2x6,5x150**

1

9008420000
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

**Technical data**

<table>
<thead>
<tr>
<th>Rated data</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Rated cross-section mm²</td>
<td></td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td>Rated impulse voltage / Pollution severity kV/-</td>
<td>232</td>
<td>64...0</td>
<td>64...0</td>
</tr>
</tbody>
</table>

**Approvals**

- IEC 60947-7-1
- UL
- CSA
- IEC 60947-7-1
- UL
- CSA

**Clamped conductors (H05V/H07V)**

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Qty</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGK 95</td>
<td>15 mm</td>
<td>10</td>
<td>19370200000</td>
</tr>
<tr>
<td>WGK 95 GN/YE</td>
<td></td>
<td>10</td>
<td>19373200000</td>
</tr>
<tr>
<td>WGK 95/Z</td>
<td></td>
<td>10</td>
<td>19374000000</td>
</tr>
<tr>
<td>WGK 95/Z GN/YE</td>
<td></td>
<td>10</td>
<td>19373900000</td>
</tr>
</tbody>
</table>

**Marking systems**

- DEK 5/B
- DEK 5/S / DEK 5/S / DEK 5/B

**Accessories**

- Spacer plate
- Screwdriver: Standard

**Width/Length/External height** mm

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>External Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 x 96 x 74</td>
<td>25 x 9.5 x 74</td>
<td>25 x 96 x 74</td>
</tr>
</tbody>
</table>

**Ordering data**

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Qty</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGK 95 F VP</td>
<td></td>
<td>10</td>
<td>19371300000</td>
</tr>
<tr>
<td>WGK 95 F VP GN/YE</td>
<td></td>
<td>10</td>
<td>19371200000</td>
</tr>
<tr>
<td>WGK 95 F VP/Z</td>
<td></td>
<td>10</td>
<td>19371400000</td>
</tr>
<tr>
<td>WGK 95 F VP/Z GN/YE</td>
<td></td>
<td>10</td>
<td>19373600000</td>
</tr>
</tbody>
</table>

**Marking systems**

- DEK 5/B
- DEK 5/S / DEK 5/S / DEK 5/B

**Technical drawing**
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

**Technical data**

**Rated data**

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

**Approvals**

- Clamped conductors (H05V/H07V)
  - solid / stranded mm²
  - flexible / stranded wire with end ferrules mm²
- Tightening torque range (clamping screw) mm/-
- Stripping length / Blade size mm/-

**Technical drawing**

**Ordering data**

**Version**

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VWGK 4</td>
<td>50</td>
<td>1936490000</td>
</tr>
<tr>
<td>VWGK 4 GN/YE</td>
<td>50</td>
<td>1936480000</td>
</tr>
</tbody>
</table>

**Spreader plate**

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Qty</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP WKGK 4</td>
<td>4 mm</td>
<td>50</td>
<td>1936470000</td>
</tr>
</tbody>
</table>

**Screwdriver**

- Standard

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Qty</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDI 0,6x3,5x100</td>
<td>1</td>
<td>9008590000</td>
<td></td>
</tr>
<tr>
<td>SDI 0,8x4,0x100</td>
<td>1</td>
<td>9008600000</td>
<td></td>
</tr>
</tbody>
</table>

**Marking systems**

- (see assortment in catalogue 7)
- DEK 5/5 / DEK 5/6 / DEK 5/8

**Marking tags**

- DEK 5/5 / DEK 5/6 / DEK 5/8