

## OMNIMATE Power - series WGK WGK 95/Z GN/YE

**Weidmüller Interface GmbH & Co. KG**  
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Fon: +49 5231 14-0  
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The WGK finger-proof-insulated enclosures are especially suitable as industrial electronic enclosures for frequency converters, power supplies or filter components which offer a convenient and reliable form of connection internally and externally.

### General ordering data

|            |   |
|------------|---|
| Order No.  | <a href="#">1937390000</a>  |
| Type       | WGK 95/Z GN/YE  |
| Version    | OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, green / yellow, Direct mounting, Feedthrough (bushing) |
| GTIN (EAN) | 4032248664719   |
| Qty.       | 10 pc(s).   |

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**Technical data****Dimensions and weights**

|            |         |                          |       |
|------------|---------|--------------------------|-------|
| Length     | 95 mm   | Width                    | 25 mm |
| Height     | 74 mm   | Height of lowest version | 74 mm |
| Net weight | 249.1 g |                          |       |

**2 clampable conductors with identical cross-section**

|   |         |   |       |
|---|---------|---|-------|
| Wire connection cross section AWG, max. | AWG 4/0 | Wire connection cross section AWG, min. | AWG 4 |
|---|---------|---|-------|

**Additional connection**

|                         |            |                         |       |
|-------------------------|------------|-------------------------|-------|
| Clamping screw          | M8/Hexagon | Rated current           | 232 A |
| Tightening torque, max. | 20 Nm      | Tightening torque, min. | 15 Nm |

**Conductors suitable for clamping**

|   |                    |   |                    |
|---|--------------------|---|--------------------|
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 35 mm <sup>2</sup> | Wire connection cross section AWG, max.   | AWG 4/0            |
| Wire connection cross section AWG, min.   | AWG 4              | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 95 mm <sup>2</sup> |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.                             | 35 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.  | 95 mm <sup>2</sup> |
| Wire connection cross section, stranded, rated connection, max.   | 95 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, min.   | 35 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.         | 95 mm <sup>2</sup> | Stripping length  | 27 mm              |

**Rated data to IEC**

|                                 |                    |                    |       |
|---------------------------------|--------------------|--------------------|-------|
| Current at maximum wires        | 232 A              | Pollution severity | 3     |
| Rated cross-section             | 95 mm <sup>2</sup> | Rated current      | 232 A |
| Rated impulse withstand voltage | 8 kV               | Rated voltage      | 690 V |
| Standards                       | IEC 60947-7-1      |                    |       |

**Technical data**

|  |                    |  |                    |
|--|--------------------|--|--------------------|
| Clamping range, rated connection, max. | 95 mm <sup>2</sup> | Clamping range, rated connection, min. | 35 mm <sup>2</sup> |
| Clamping screw                         | M8/Hexagon         | Gauge to IEC 60947-1                   | B12                |
| Number of connections                  | 2                  | Stripping length, rated connection     | 27 mm              |
| Tightening torque, max.                | 20 Nm              | Tightening torque, min.                | 15 Nm              |

**Technical specification**

|                               |                             |                      |   |
|-------------------------------|-----------------------------|----------------------|---|
| Colour of insulating material | green / yellow              | Connection direction | on side                                 |
| End cover plate required      | No                          | Installation advice  | Direct mounting, Feed-through (bushing) |
| Product family                | OMNIMATE Power - series WGK |                      |   |

**Data sheet...**

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**Technical data**

**CSA ratings data**

|                       |                |                               |       |
|-----------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1830694 | Wire cross section min. (CSA) | 4 AWG |
|-----------------------|----------------|-------------------------------|-------|

**UL ratings data**

|                         |                 |
|-------------------------|-----------------|
| Certificate No. (cURus) | E60693VOL1SEC84 |
|-------------------------|-----------------|

**Material data**

|                           |       |        |               |
|---------------------------|-------|--------|---------------|
| Material                  | Wemid | Colour | Green, Yellow |
| UL 94 flammability rating | V-0   |        |               |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001283    | UNSPSC     | 30-21-18-11 |
| eClass 5.1 | 27-14-11-34 | eClass 6.2 | 27-14-11-34 |
| eClass 7.1 | 27-14-11-34 |            |             |

**Notes**

|       |  |
|-------|--|
| Notes | <ul style="list-style-type: none"> <li>• Metal walls: 1 #96 2.5 mm = 1000 V; 2.5 #96 4 mm = 800 V; 4 #96 6 mm = 690 V; plastic walls: 1 #96 6 mm = 1000 V</li> </ul> |
|-------|--|

**Approvals**

Approvals

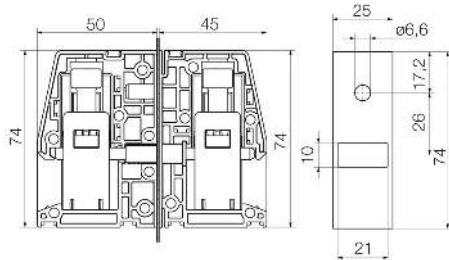


|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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**Drawings**



**WGK 95**

