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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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OMNIMATE Power - series WGK WGK 95

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



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. | 1937380000 |
| Type | WGK 95 |
| Version | OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 95 mm ² , Screw connection, Grey, Direct mounting, Feed-through (bushing) |
| GTIN (EAN) | 4032248664689 |
| Qty. | 10 pc(s). |

**OMNIMATE Power - series WGK
WGK 95**

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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 | 249.4 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 ² | 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 ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 35 mm ² | Wire connection cross section, finely stranded, max. | 95 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 95 mm ² | Wire connection cross section, stranded, rated connection, min. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 95 mm ² | Stripping length | 27 mm |

Rated data to IEC

| | | | |
|---------------------------------|--------------------|--------------------|-------|
| Current at maximum wires | 232 A | Pollution severity | 3 |
| Rated cross-section | 95 mm ² | 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 ² | Clamping range, rated connection, min. | 35 mm ² |
| 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 | Grey | Connection direction | on side |
| End cover plate required | No | Installation advice | Direct mounting, Feed-through (bushing) |
| Product family | OMNIMATE Power - series WGK | | |

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Technical data**CSA ratings data**

| | | | |
|-----------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1830694 | Voltage size B (CSA) | 600 V |
| Voltage size C (CSA) | 600 V | Current size B (CSA) | 230 A |
| Current size C (CSA) | 230 A | Wire cross section min. (CSA) | 4 AWG |

UL ratings data

| | | | |
|--|-----------------|--|----------|
| Certificate No. (cURus) | E60693VOL1SEC84 | Conductor size Factory wiring max. (cURus) | 0000 AWG |
| Conductor size Factory wiring min. (cURus) | 4 AWG | Conductor size Field wiring max. (cURus) | 0000 AWG |
| Conductor size Field wiring min. (cURus) | 4 AWG | Current size B (cURus) | 230 A |
| Current size C (cURus) | 230 A | Voltage size B (cURus) | 600 V |
| Voltage size C (cURus) | 600 V | | |

Material data

| | | | |
|---------------------------|-------|--------|------|
| Material | Wemid | Colour | Grey |
| 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 | • 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 |
|-------|--|

Approvals

Approvals

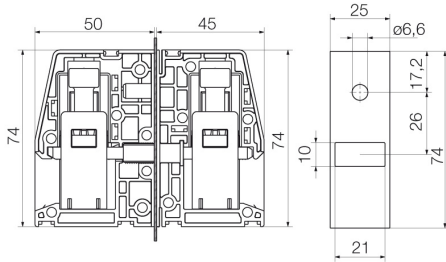


ROHS Conform

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Drawings



WGK 95

