



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



OMNIMATE Power - series WGK WGK 25 GN/YE

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. | 1936840000 |
| Type | WGK 25 GN/YE |
| Version | OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 25 mm ² , Screw connection, green / yellow, Direct mounting, Feedthrough (bushing) |
| GTIN (EAN) | 4032248664511 |
| Qty. | 50 pc(s). |

**OMNIMATE Power - series WGK
WGK 25 GN/YE**

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

Technical data
Dimensions and weights

| | | | |
|------------|---------|--------------------------|---------|
| Length | 68.5 mm | Width | 15.1 mm |
| Height | 48.5 mm | Height of lowest version | 48.5 mm |
| Net weight | 65.24 g | | |

2 clampable conductors with identical cross-section

| | | | |
|---|-------|---|--------|
| Wire connection cross section AWG, max. | AWG 3 | Wire connection cross section AWG, min. | AWG 10 |
|---|-------|---|--------|

Additional connection

| | | | |
|-------------------------|--------------|-------------------------|--------|
| Blade size | 1.2 x 6.5 mm | Clamping screw | M 6 |
| Rated current | 101 A | Tightening torque, max. | 4.5 Nm |
| Tightening torque, min. | 4 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. | 10 mm ² | Twin wire-end ferrules, max. | 10 mm ² |
| Twin wire-end ferrules, min. | 2.5 mm ² | Wire connection cross section AWG, max. | AWG 3 |
| Wire connection cross section AWG, min. | AWG 10 | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 25 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 4 mm ² | Wire connection cross section, finely stranded, max. | 25 mm ² |
| Wire connection cross section, solid core max. rated connection | 16 mm ² | Wire connection cross section, solid core, max. rated connection | 6 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 35 mm ² | Wire connection cross section, stranded, rated connection, min. | 10 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 25 mm ² | Stripping length | 18 mm |

Rated data to IEC

| | | | |
|---------------------------------|--------------------|--------------------|-------|
| Current at maximum wires | 125 A | Pollution severity | 3 |
| Rated cross-section | 25 mm ² | Rated current | 101 A |
| Rated impulse withstand voltage | 6 kV | Rated voltage | 690 V |
| Standards | IEC 60947-7-1 | | |

Technical data

| | | | |
|--|----------------------|--|--------------------|
| Blade size | 1.2 x 6.5 mm | Clamping range, rated connection, max. | 35 mm ² |
| Clamping range, rated connection, min. | 5.26 mm ² | Clamping screw | M 6 |
| Gauge to IEC 60947-1 | B8 | Number of connections | 2 |
| Stripping length, rated connection | 18 mm | Tightening torque, max. | 4.5 Nm |
| Tightening torque, min. | 4 Nm | | |

**OMNIMATE Power - series WGK
WGK 25 GN/YE**

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

Technical data**Technical specification**

| | | | |
|-------------------------------|---|----------------------|-----------------------------|
| Colour of insulating material | green / yellow | Connection direction | on side |
| Installation advice | Direct mounting, Feed-through (bushing) | Product family | OMNIMATE Power - series WGK |
| Type of mounting | Direct mounting | | |

CSA ratings data

| | | | |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1830694 | Wire cross section max. (CSA) | 3 AWG |
| Wire cross section min. (CSA) | 8 AWG | | |

UL ratings data

| | | | |
|--|-----------------|--|-------|
| Certificate No. (cURus) | E60693VOL1SEC84 | Conductor size Factory wiring max. (cURus) | 3 AWG |
| Conductor size Factory wiring min. (cURus) | 10 AWG | Conductor size Field wiring max. (cURus) | 3 AWG |
| Conductor size Field wiring min. (cURus) | 10 AWG | | |

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

Approvals

Approvals

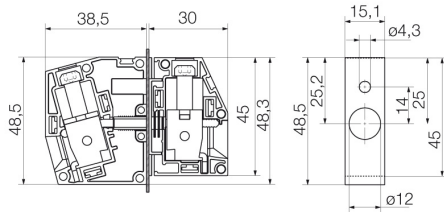


ROHS Conform

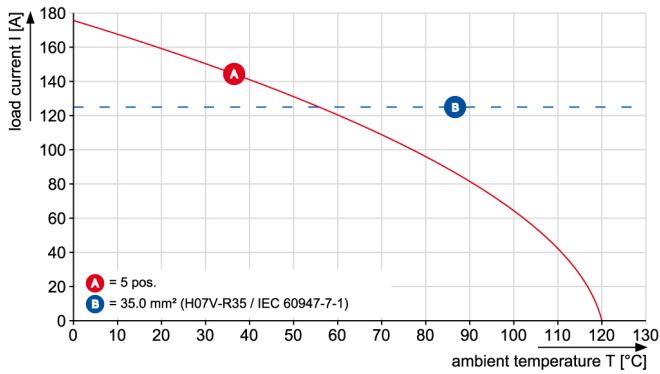
**OMNIMATE Power - series WGK
WGK 25 GN/YE**

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

Drawings



WGK 25



WGK 25

