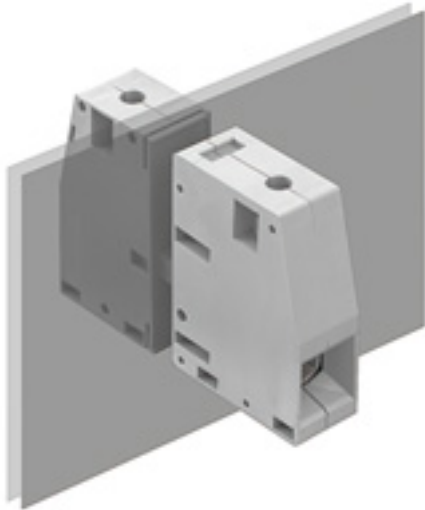


## OMNIMATE Power - series WGK WGK 95

**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.	<a href="#">1937380000</a>
Type	WGK 95
Version	OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, Grey, Direct mounting, Feed-through (bushing)
GTIN (EAN)	4032248664689
Qty.	10 pc(s).

## 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

### 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 <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	Grey	Connection direction	on side
End cover plate required	No	Installation advice	Direct mounting, Feed-through (bushing)
Product family	OMNIMATE Power - series WGK		

**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

**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

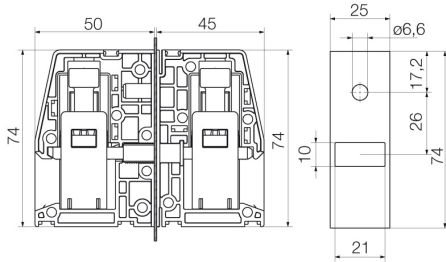


ROHS Conform

**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

**Drawings**



**WGK 95**

