

## OMNIMATE Power - series WGK WGKV 4/Z

**Weidmüller Interface GmbH & Co. KG**  
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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="#">1936630000</a>
Type	WGKV 4/Z
Version	OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Grey, Direct mounting, Feed-through (bushing)
GTIN (EAN)	4032248635580
Qty.	50 pc(s).

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

Length	40 mm	Width	8.1 mm
Height	24 mm	Height of lowest version	24 mm
Net weight	8.44 g		

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

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
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**Additional connection**

Blade size	0.6 x 3.5 mm	Clamping screw	M 3
Rated current	32 A	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.6 Nm		

**Conductors suitable for clamping**

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	6 mm <sup>2</sup>
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Stripping length	8 mm

**Rated data to IEC**

Current at maximum wires	41 A	Pollution severity	3
Rated cross-section	4 mm <sup>2</sup>	Rated current	32 A
Rated impulse withstand voltage	6 kV	Rated voltage	250 V
Standards	IEC 60947-7-1		

**Technical data**

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm <sup>2</sup>
Clamping range, rated connection, min.	0.05 mm <sup>2</sup>	Clamping screw	M 3
Gauge to IEC 60947-1	A3	Number of connections	2
Stripping length, rated connection	8 mm	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.6 Nm		

**Technical specification**

Colour of insulating material	Grey	Connection direction	Bottom
End cover plate required	No	Installation advice	Direct mounting, Feed-through (bushing)
Product family	OMNIMATE Power - series WGK		

**CSA ratings data**

Certificate No. (CSA)	200039-1830694	Voltage size B (CSA)	300 V
Current size B (CSA)	30 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	30 AWG		

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**Technical data**

**UL ratings data**

Certificate No. (cURus)	E60693VOL1SEC84	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	30 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	150 V
Voltage size D (cURus)	300 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 = 400 V; 2.5 #96 6 mm = 250 V; plastic walls: 1 #96 6 mm = 500 V

**Approvals**

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ROHS	Conform
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**Drawings**