

OMNIMATE Power - series WGK WGK 95/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.	1937400000
Type	WGK 95/Z
Version	OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 95 mm ² , Screw connection, Grey, Direct mounting, Feed-through (bushing)
GTIN (EAN)	4032248664702
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	250.4 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
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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
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Approvals

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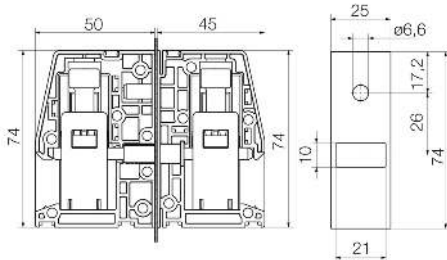


ROHS Conform

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Drawings



WGK 95

