

OMNIMATE Power - series WGK WGK 95 GN/YE

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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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.	1937370000
Type	WGK 95 GN/YE
Version	OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 95 mm ² , Screw connection, green / yellow, Direct mounting, Feedthrough (bushing)
GTIN (EAN)	4032248664696
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	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
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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	green / yellow	Connection direction	on side
End cover plate required	No	Installation advice	Direct mounting, Feed-through (bushing)
Product family	OMNIMATE Power - series WGK		

Data sheet...

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Technical data

CSA ratings data

Certificate No. (CSA)	200039-1830694	Wire cross section min. (CSA)	4 AWG
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UL ratings data

Certificate No. (cURus)	E60693VOL1SEC84
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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	<ul style="list-style-type: none"> • 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

Approvals

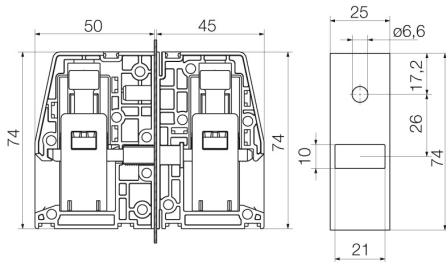


ROHS	Conform
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Drawings



WGK 95

