imall

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.

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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.	<u>1936500000</u>
Туре	WGK 10 GN/YE
Version	OMNIMATE Power - series WGK, Feedthrough terminal, Rated cross-section: 10 mm², green / yellow, Direct mounting, Feed-through (bushing)
GTIN (EAN)	4032248664382
Qty.	50 pc(s).

Technical data



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Length	43.3 mm	Width	10.1 mm
Height	31.4 mm	Height of lowest version	31.4 mm
Net weight	19.74 g		
2 clampable conductors with	identical cross-se	ction	
Wire connection cross section AWG,		Wire connection cross section AWG,	
max.	AWG 6	min.	AWG 24
Additional connection			
Blade size	0.8 x 4.0 mm	Clamping screw	M 4
Rated current	57 A	Tightening torque, max.	1.8 Nm
Tightening torque, min.	1.2 Nm		1.0 MIII
Conductors suitable for clamp	oing		
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated		Twin wire-end ferrules, max.	
connection, min. Twin wire-end ferrules, min.	0.5 mm ²		6 mm ²
Twin wire-end terrules, min.	0.5 mm²	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN		Wire connection cross section, finely stranded, max.	
46228/1, rated connection, min.	0.5 mm ²		10 mm ²
Wire connection cross section, solid	10	Wire connection cross section, solid	0.5
core max. rated connection Wire connection cross section, strandec	16 mm ²	<u>core, max. rated connection</u> Wire connection cross section, stranded	0.5 mm ²
rated connection, max.	, 16 mm²	rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated		Stripping length	
connection, max.	10 mm ²		11 mm
Rated data to IEC			
Current at maximum wires	76 A	Pollution severity	3
Rated cross-section	10 mm ²	Rated current	57 A
Rated impulse withstand voltage	6 kV	Rated voltage	250 V
Standards	IEC 60947-7-1		200 V
Technical data			
Blade size	0.8 x 4.0 mm	Clamping range, rated connection, max	. 16 mm ²
Clamping range, rated connection, min.	0.21 mm ²	Clamping screw	M 4
Gauge to IEC 60947-1	B6	Number of connections	2
Stripping length, rated connection	11 mm	Tightening torque, max.	1.8 Nm
Tightening torque, min.	1.2 Nm		

Technical data



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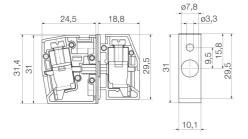
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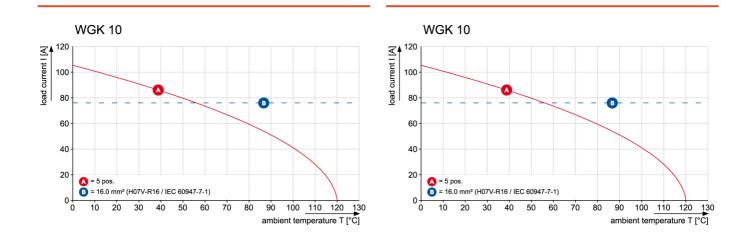
Technical specification			
Colour of insulating material	green / yellow	Connection direction	on side
End cover plate required	No	Installation advice	Direct mounting, Feed- through (bushing)
Product family	OMNIMATE Power - series WGK	Type of mounting	Direct mounting
CSA ratings data			
Certificate No. (CSA)	200039-1830694	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	24 AWG		0,110
UL ratings data			
Cortificate No. (al IBus)		Conductor size Eastery wiring may	
Certificate No. (cURus)	E60693VOL1SEC84	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	24 AWG	Conductor size Field wiring max. (cURu	ıs) 6 AWG
Conductor size Field wiring min. (cUR	-		0,1110
Material data			
Material	Wemid	Colour	Green, Yellow
UL 94 flammability rating	V-0		
Classifications			
ETIM 3.0	EC001283	UNSPSC	20.21.10.11
eClass 5.1	27-14-11-34		30-21-18-11 27-14-11-34
eClass 5.1 eClass 7.1	27-14-11-34	eClass 6.2	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			
Approvals	CE®		
POLIC			

ROHS

Conform

Drawings







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