



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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China






LEVER-NUTS™

- 222 Series Compact Lever-Operated Connectors with CAGE CLAMP®, for Solid and Stranded Wire

222 Series

2, 3 or 5 Conductor Compact Connector

Cross section:	28 – 12 AWG (stranded and solid)
Electrical specs:	600 V (1000 V signs and fixtures) 20 A maximum
Strip length: 	9 - 10 mm / 0.37 in
Maximum operating temperature:	105° C




For all connections requiring...

- Stranded / solid wires
- Wide range of wire sizes
- Combination of different wire sizes and types in one connector
- Small space consumption
- Built-in test point
- Protection against electrical shock, touch safe
- Low installed cost and safe operation
- Maintenance-free connection
- A reusable connector



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
222-412		222-413		222-415	
222-412/K194-4045	100 pc box (1=100)	222-413/K194-4045	50 pc box (1=50)	222-415/K194-4045	40 pc box (1=40)
222-412/PW05-0005	5 pc blister pack	222-413/PW05-0005	5 pc blister pack	222-415/PW05-0005	5 pc blister pack
		222-413/VE00-2500	2,500 pc bulk bag		

Technical Data

Approvals			
Number of connection points per connector	2	3	5
Potentials per connector	1	1	1
Connection type	CAGE CLAMP® Spring pressure connection technology	CAGE CLAMP® Spring pressure connection technology	CAGE CLAMP® Spring pressure connection technology
Height	14.5 mm/0.571 in	14.5 mm/0.571 in	14.5 mm/0.571 in
Width	12.4 mm/0.488 in	17 mm/0.669 in	26.6 mm/1.047 in
Depth	20.5 mm/0.807 in	20.5 mm/0.807 in	20.5 mm/0.807 in
Color	Gray (w/ orange levers)	Gray (w/ orange levers)	Gray (w/ orange levers)

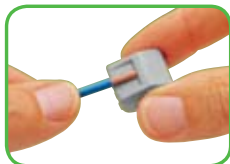
Accessories

	Item No.	Pack.-unit pcs
Wire cutting and stripping tool (22-10 AWG)	206-130	1
Operating tool for Series 222	210-101	1

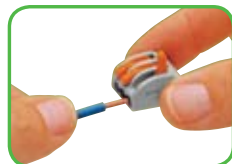


Operating Tool

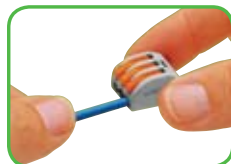
Easy as 1, 2, 3...



1) Strip wire



2) Push up lever



3) Insert conductor and push down lever

222 Series Mounting Carrier

<p>Mounting carrier for 222 Series compact connectors</p> <p>Accommodates:</p> <p>2 x 222-415 1 x 222-415 + 1 x 222-413</p> <p>3 x 222-413 1 x 222-415 + 2 x 222-412</p> <p>4 x 222-412 3 x 222-412 + 1 x 222-413</p>	<p>Strain relief plate for 222-500 mounting carrier</p>	<p>Universal right angled adapter for 222-500 mounting carrier 773-332 mounting carrier 273-150 mounting carrier</p>
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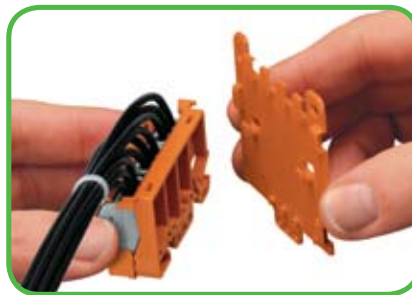


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Mounting carrier , orange, for 2-, 3- or 5-pole compact connectors		Strain relief plate , orange, for snap-on fixing to 222-500 mounting carrier		Universal right angled adapter , gray, in combination with mounting carriers for DIN 35 rail mounting	
222-500	50 (5x10)	222-505	50 (5x10)	222-510	50 (5x10)
Self-adhesive marker strips, plain	210-334				
	1 card				

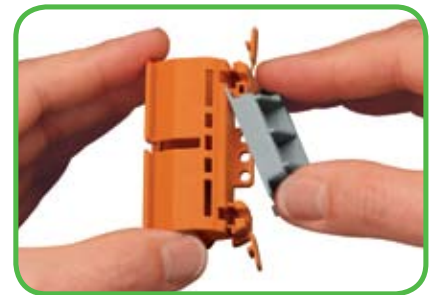
Assembly



Snapping of lateral connector safety lock.

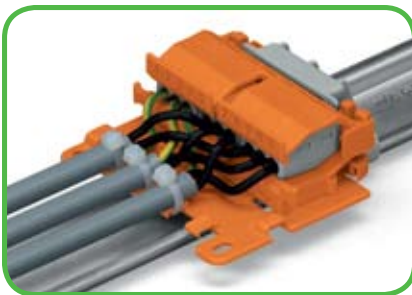


Mounting of strain relief plate to the mounting carrier.



Snapping the universal right angled carrier on the mounting carrier.

Mounting



Horizontal mounting with strain relief plate on DIN 35 rail using universal right angled adapter.



Strain relief by cable tie on the carrier, transverse to the connectors wiring direction. Molded marking of clamping units.



Horizontal mounting with strain relief plate on level surfaces. Testing connectors via test slots in the carrier.

WAGO Service Worldwide

Germany

WAGO Kontakttechnik
Minden
Tel. ++0571/887-443
Fax ++0571/887-541

Austria

WAGO Kontakttechnik
GmbH Vienna
Tel. ++43/1/615 07 80
Fax ++43/1/615 07 75

Belgium

WAGO Kontakttechnik
Zaventem
Tel. ++32/2/7 17 90 90
Fax ++32/2/7 17 90 99

China

WAGO ELECTRONIC Co. Ltd.
Tianjin
Tel.
++86/22/82125854/64/74
Fax ++86/22/82125984

England

WAGO, Ltd.
Rugby
Tel. ++44/1788/568008
Fax ++44/1788/568050

France

WAGO CONTACT SA.
Paris
Tel. ++33/148172590
Fax ++33/148632520

Italy

WAGO ELETTRONICA SRL
San Lazzaro di Savena (BO)
Tel. ++39/051/625-91-25
Fax ++39/051/625-91-27

Japan

WAGO Co. of JAPAN Ltd.
Tokyo
Tel. ++81/3/3254/8881
Fax ++81/3/3254/8885

Poland

WAGO ELWAG sp. z o. o.
Wroclaw
Tel. ++48/71/33-66-626
Fax ++48/71/33-60-952

Singapore

WAGO Electronic Pte. Ltd.
Singapur
Tel. ++65/2866776
Fax ++65/2842425

Switzerland

WAGO CONTACT SA
Domdidier
Tel. ++65/2866776
Fax ++65/2842425

Mexico

WAGO Corporation
Tel. 001-800-309-5975
+ 52-(55)-26-44-69-16
Fax + 52-(55)-26-44-69-15

Canada

WAGO Corporation
Tel. 800 / DIN Rail (346-7245)
Fax 262 / 255-3232

WAGO Corporation
N120 W19129 Freistadt Road
Germantown, Wisconsin 53022
Telephone: 800 / DIN Rail (346-7245)
Fax: 262 / 255-3232
info.us@wago.com
www.wago.us

