# 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.

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

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#### Weidmüller Interface GmbH & Co. KG

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High power/currents can be safely switched with the PLUGSERIES. The modular system enables conventional relays and LED indicators simply to be plugged in. Retaining and disassembly clips provide a secure mount. Pre-assembled relays with 1 or 2 changeover contacts and input voltages from 24V to 230V round of the product range.

Plug-in ZQV 2.5 cross-connectors enable relay multiplexers to be set up quickly thanks to simple side-by-side mounting.

#### General ordering data

Order No.	<u>8536471001</u>		
Туре	PRS 12Vdc LD 1CO		
Version	PLUGSERIES, Relays, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 12 V DC ±20 %, Continuous current: 16 A, Screw connection		
GTIN (EAN)	4032248216246		
Qty.	10 pc(s).		

### **Technical data**

Ratings



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Katings			
		11 · · · ·	
Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity no condensation
UL 94 flammability rating	V-0	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Dimensions and weights			
NA (* -141-	15.0	11-Sector	0.2
Width Depth	15.3 mm 95 mm	Height Net weight	92 mm 74.3 g
	55 1111	Net weight	74.5 g
Temperatures			
Operating temperature	-40 °C+50 °C	Storage temperature	-40 °C+85 °C
Connection data			
Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, rated connection, min.	$0.5 \text{ mm}^2$
Clamping range, rated connection, max.		Tightening torque, max.	0.7 Nm
Stripping length, rated connection	2.0 1111	Wire connection cross section, finely	
	8 mm	stranded, max.	2.5 mm <sup>2</sup>
Input			
Detect control valte as	12 V DC +20 %	Poted surrout DC	22 4
Rated control voltage Coil resistance	<u>12 V DC ±20 %</u> 360 Ω ±10 %	Rated current DC Power rating	33 mA 400 mW
Pull-in (sparkover) / drop-out voltage DC		Status indicator	400 1110
coil	8.4 V / 1.2 V	Green LED	
Output			
	0501/40		400.04
Rated switching voltage	250 V AC 16 A	Max. switching voltage, AC	400 V
Continuous current Max. switching power	4000 VA	making current Response time	30 A / 4 s 8 ms / 6 ms
Min. switching power	100 mA / 5 V, 10 V / 10	Max. switching frequency at rated load	01115/01115
	mA, 24 V / 1 mA	Max. switching frequency at fater load	0.1 Hz
Contact specifications			
No. of courts of c	1	Constant de sing	CO contract
No. of contacts Contact material	1	Contact design Mechanical service life	CO contact
	AgNi 90/10		30 x 10 <sup>6</sup> switching cycles
Insulation coordination			
Rated voltage		Clearance and creepage distances for	
	300 V AC <sub>eff</sub>	control side - load side	> 8 mm
Impulse withstand voltage	6 kV (1.2/50 μs)	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III
Other technical data			
Version	Relay coupler	Status indicator	Green LED
Free-wheel diode	Yes	Reverse polarity protection	No
Further details of approvals /	standards		
Standards	DIN EN 50178		

Creation date March 11, 2013 3:19:28 PM CET

Catalogue status 20.12.2012 / We reserve the right to make technical changes.

### **Technical data**

### Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

### Approvals

Downloads

<u>3-D model</u>

Approvals



# **Declaration of Conformity** K217\_09\_09.pdf

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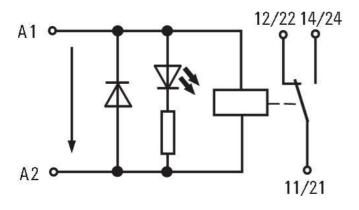
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### Drawings

### **Electric symbol**

**DC-Version** 





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