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

Datasheet

PLUGSERIES
PRS 120VAC LD 2CO AU

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

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.	8595960000
Part designation	PRS 120VAC LD 2CO AU
Version	PLUGSERIES, Relays, No. of contacts: 2, CO contact, Rated control voltage: 120 V AC ±10 %, Screw connection
GTIN (EAN)	4032248254903
Qty.	10 pc(s).

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Technical data

Dimensions

Length	92 mm	Width	15.3 mm
Height	95 mm		

Temperature

Ambient temperature (operational)	-40 °C...+50 °C	Storage temperature	-40 °C...+85 °C

Input

Rated voltage	300 V AC $_{eff}$	Rated control voltage	120 V AC ±10 %
Response / drop-out voltage AC coil	53 V / 49 V	Rated current AC	9.1 mA
Power rating	1.1 VA	Status indicator	Green LED

Output

Continuous current	2 x 8 A	Max. switching current	16 A
Max. switching frequency at rated load	0.1 Hz	Sparkover time / Drop-out time	7.8 ms / 41.5 ms
Switch-off delay	<45ms	Switch-on delay	9 ms
Switching voltage AC, max.	250 V	making current	2 x 8 A
max. switching capacity	2x2 kVA	min. switching capacity	1 V / 1 mA

Contact data

Contact design	CO contact	No. of contacts	2
Contact material	AgNi 5µm Au	Mechanical service life	5 x 10^6 switching cycles

Rated data

Conductor connection system	Screw connection	DIN Rail compatibility	TS 35
Flammability class UL 94	V-0	Humidity	40°C / 93% rel. humidity, no condensation
Solid, max.	2.5 mm²		

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	> 8 mm	Impulse withstand voltage	6 kV
Overvoltage category	III	Pollution severity	2
Protection class	IP 20	Protective separation acc. to VDE 0106 part 101	Yes

Other technical data

Free-wheel diode	No	Reverse polarity protection	No
Status indicator	Green LED	Version	Relay coupler

Approvals

Approvals institutes	CURUS; GOSTME25; CE

Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01

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Technical data

Notes

Note, technical data	Cross-connectors and markers - refer to PLUGSERIES accessories

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Drawings

Electric symbol