



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!



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**WAVESERIES
WOS2 115VUC**

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



The WAVEBOX enclosure just 22.5 mm wide is ideal for the innovative optos of the WAVESERIES. Plug-in electronics, connections and cross-connections ease installation, setup and servicing on the customer's premises. The WAVESERIES optos are available with different input voltages and output configurations. International approvals permit their use worldwide.

General ordering data

Order No.	8259950000
Part designation	WOS2 115VUC
Version	WAVESERIES, Solid-state relay, 24 V AC ... 250 V AC, 3.5 A, Screw connection
GTIN (EAN)	4032248025633
Qty.	1 pc(s).

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Technical data

Dimensions (1)

Length	92.4 mm	Width	22.5 mm
Height	112.4 mm		

temperature

Ambient temperature (operational)	-25 °C...+50 °C	Storage temperature	-40 °C...+85 °C
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Approvals

Approvals institutes	CSA; CURUS; GOSTME25; CE
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Control side

Power rating	0.44 VA / 0.82 W	Rated auxiliary voltage	No
Rated control voltage	115 V UC, max. 130 V UC		

General data

Standards	EN 50178	Humidity	40°C / 93% rel. humidity, no condensation
Conductor connection system	Screw connection	DIN Rail compatibility	TS 35

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm	Overvoltage category	III
Pollution severity	2	Rated impulse withstand voltage	6 kV
Rated voltage	300 V		

Load side

Protective circuit, load side	RC combination with varistor	Rated auxiliary voltage	No
Rated switching current	3.5 A	Rated switching voltage	24 V AC ... 250 V AC
Short-circuit-proof	No	Status indicator load side	LED green in output
Switch-off delay	max. 20 ms	Switch-on delay	max. 20 ms
Voltage drop at max. load	1.6 V		

Dimensions

Clamping range, nom.	1.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²		

Classifications

eClass 5.1	27-27-09-90	eClass 6.0	27-27-09-90
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Notes

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

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Drawings

