



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 15-60VAC 66VDC

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. | 8275440000 |
| Part designation | WOS2 15-60VAC 66VDC |
| Version | WAVESERIES, Solid-state relay, 24 V AC ... 250 V AC, 3.5 A, Screw connection |
| GTIN (EAN) | 4032248025527 |
| 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 |
|-----------------------------------|-----------------|---------------------|-----------------|

Approvals

| | |
|----------------------|-----------------------------|
| Approvals institutes | CSA; CURUS; GOSTME25; CE |
|----------------------|-----------------------------|

Control side

| | | | |
|-----------------------|------------------------------|-------------------------|----|
| Power rating | 0.31 VA / 0.33 W | Rated auxiliary voltage | No |
| Rated control voltage | 15 V UC...60 V AC/...66 V DC | | |

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 |
|------------|-------------|------------|-------------|

Notes

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

Datasheet

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Drawings

