

**WAVESERIES**  
**WOS2 15-60VAC 66VDC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 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.	<a href="#">8275440000</a>
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
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#### Approvals

Approvals institutes	CSA; CURUS; GOSTME25; CE
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#### 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 <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>		

#### 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**

