

WAVESERIES
WOS2 15-60VAC 66VDC

Weidmüller Interface GmbH & Co. KG
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 Germany
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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
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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 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

