

WOS1 230VUC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	WAVESERIES, Solid-state relay, Rated control voltage: 230 V UC, max. 250 V UC, Rated switching voltage: 12 V DC ... 24 V DC ... 28 V DC, Continuous current: 500 mA, Screw connection
Order No.	8275380000
Type	WOS1 230VUC
GTIN (EAN)	4032248025558
Qty.	1 items
Delivery status	Discontinued
Available until	2014-12-31T00:00:00+01:00
Alternative product	TOS 230VUC 24VDC2A

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E141197

Dimensions and weights

Depth	92.6 mm	Depth (inches)	3.6457 inch
Height	72 mm	Height (inches)	2.8346 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	78 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...60
Humidity	40 °C / 93 % rel. humidity, no condensation		

Probability of failure

MTTF	22 15 a
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E141197
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Control side

Rated control voltage	230 V UC, max. 250 V UC	Power rating	2.6 VA / 0.4 W
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Load side

Rated switching voltage	12 V DC ... 24 V DC ... 28 V DC	Continuous current	0.5 A
Rated switching current	500 mA	Switch-on delay	Approx. 25 ms
Switch-off delay	Approx. 25 ms	Short-circuit-proof	Yes/max. 96 h
Load side status indicator	LED green	Protective circuit, load side	Varistor, Reverse polarity protection
Contact type	1 NO contact (Transistor)		

General data

Mounting rail	TS 35	Colour	beige
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Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Impulse withstand voltage	6 kV	Protection degree	IP20

Further details of approvals / standards

Standards	UL508	Certificate No. (CSA)	200039-1127511
Certificate No. (cURus)	E141197		

Connection data

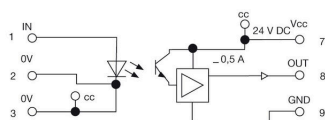
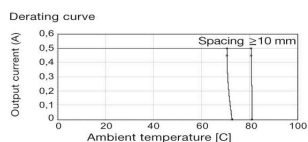
Wire connection method	Screw connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

Classifications

ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Drawings

Wiring diagram



Schaltsymbol

Accessories**Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/5 MC NE WS	Version
Order No.	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 ST	