

WRS2 24/48VUC 2A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



General ordering data

Version	WAVESERIES, Relay module, Number of contacts: 2, NO contact AgSnO2, Rated control voltage: 24 V UC ±10 %, 48 V UC ±10 %, Continuous current: 5 A, Screw connection, Test button available: No
Order No.	8418250000
Type	WRS2 24/48VUC 2A
GTIN (EAN)	4032248025862
Qty.	1 items
Delivery status	Discontinued
Available until	2014-12-31T00:00:00+01:00
Alternative product	TRS 24-230VUC 2CO ED2

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E141197

Dimensions and weights

Depth	112.4 mm	Depth (inches)	4.4252 inch
Height	92.4 mm	Height (inches)	3.6378 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	116 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-25 °C...50
Humidity	40 °C / 93 % rel. humidity, no condensation		

Environmental Product Compliance

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

Rated data UL

Certificate No. (cURus) E141197

Control side

Rated control voltage	24 V UC $\pm 10\%$, 48 V UC $\pm 10\%$	Rated current AC	Approx. 11 mA
Rated current DC	Approx. 8.5 mA	Power rating	0.17 W/0.21 VA // 0.4 W/0.48 VA
Status indicator	Green LED	Protective circuit	Free-wheeling diode, Reverse polarity protection

Load side

Max. switching frequency at rated load	0.1 Hz	Max. switching current	5 A
Max. switching voltage, AC	250 V	Inrush current	8 A
AC switching capacity (resistive), max.	1250 VA	Switch-on delay	Typ. 5 ms
Switch-off delay	approx. 6 ms	Contact type	2 NO contact (AgSnO ₂)
Electrical service life, DC coil	1x10 ⁵ switching cycles	Mechanical service life	5 x 10 ⁷ switching cycles
Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA / 5 V DC		

General data

Mounting rail	TS 35	Test button available	No
Mechanical switch position indicator	No	Colour	beige

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Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Creepage and clearance distance input –≥ 8 mm output	
Dielectric strength, Input/Output	4 kVeff 1 s	Dielectric strength to mounting rail	4 kVeff / 1 Min.
Impulse withstand voltage	6 kV (1.2/50 µs)	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	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

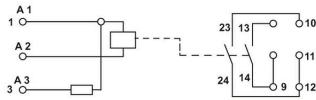
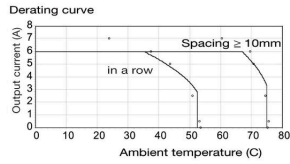
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Drawings

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Wiring diagram



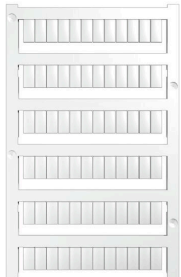
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Accessories

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	