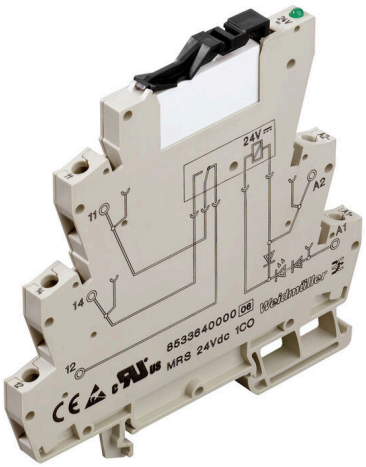
Data sheet

MRS 230VUC 1CO C1D2

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

www.weidmueller.com

Product image



Similar to illustration

General ordering data

Version	MICROSERIES, Relay module, Number of contacts: 1, CO contact AgNi, Rated control voltage: 230 V UC +10 % / -15 %, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	8967380000
Type	MRS 230VUC 1CO C1D2
GTIN (EAN)	4032248788996
Qty.	10 items
Delivery status	Discontinued
Available until	2016-09-30T00:00:00+02:00
Alternative product	TRS 230VACRC 1CO C1D2

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Data sheet

MRS 230VUC 1CO C1D2

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	94 mm	Depth (inches)	3.7008 inch
Height	93 mm	Height (inches)	3.6614 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	37.1 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-25 °C...55
Humidity	40 °C / 93 % rel. humidity, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	0f455e0d-3c4b-49b7-ae9b-28f18844bd32

Control side

Rated control voltage	230 V UC +10 % / -15 %	Rated current AC	3.5 mA
Rated current DC	2.9 mA	Power rating	0.8 VA / 660 mW
Status indicator	Green LED	Protective circuit	Rectifier

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
Inrush current	6 A	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	<25 ms
Switch-off delay	< 15 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	5 x 106 switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V

General data

Version	cULus C1D2	Mounting rail	TS 35
Test button available	No	Mechanical switch position indicator	No
Colour	beige		

Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Creepage and clearance distance input – output	≥ 5.5 mm
Dielectric strength to mounting rail	4 kVeff / 1 Min.	Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP20		

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Technical data

Further details of approvals / standards

Standards	UL508

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	4 mm²
Blade size	0.6 x 3.5 mm		

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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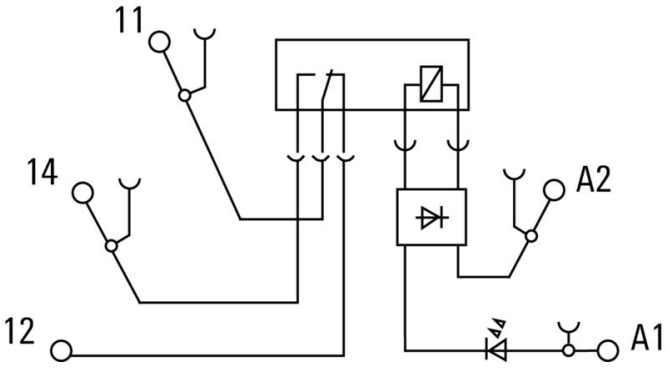
MRS 230VUC 1CO C1D2

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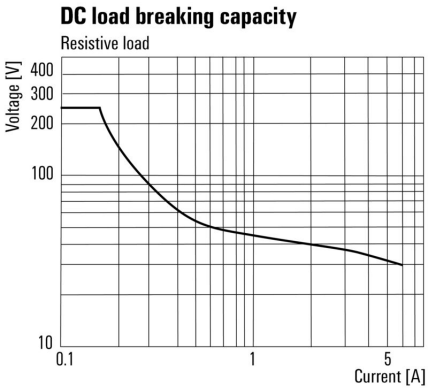
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Drawings

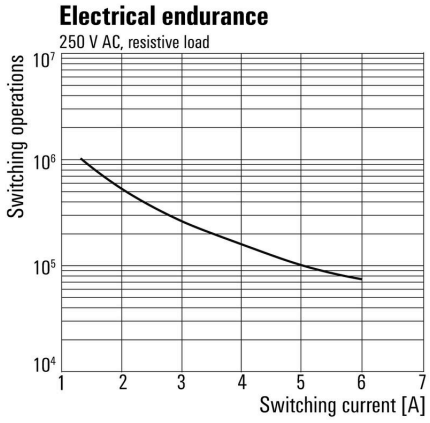
Wiring diagram

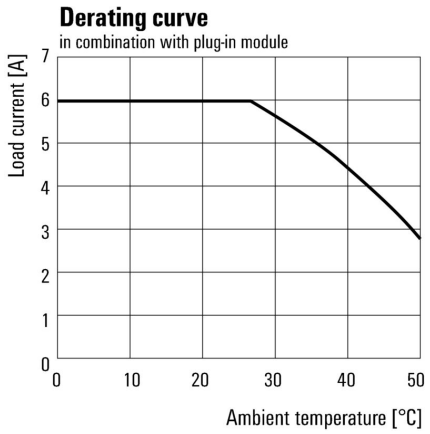


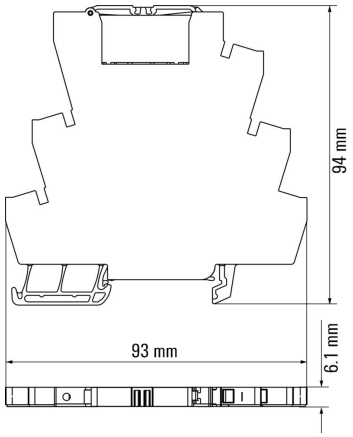
Graph



DC load limit curve







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Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 4N/2 SW	Version
Order No.	1793970000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233762	
Qty.	60 ST	
Type	ZQV 4N/3 SW	Version
Order No.	1794000000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233793	
Qty.	60 ST	
Type	ZQV 4N/4 SW	Version
Order No.	1794030000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233915	
Qty.	60 ST	
Type	ZQV 4N/10 SW	Version
Order No.	1794060000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234059	
Qty.	20 ST	
Type	ZQV 4N/20 SW	Version
Order No.	1909120000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248535804	
Qty.	20 ST	
Type	ZQV 4N/2 GE	Version
Order No.	1758250000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248169795	
Qty.	60 ST	
Type	ZQV 4N/3 GE	Version
Order No.	1762630000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248169788	
Qty.	60 ST	
Type	ZQV 4N/4 GE	Version
Order No.	1762620000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248169771	
Qty.	60 ST	
Type	ZQV 4N/10 GE	Version
Order No.	1758260000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248169764	
Qty.	20 ST	
Type	ZQV 4N/20 GE	Version
Order No.	1909020000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248535644	
Qty.	20 ST	

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Accessories

Type	ZQV 4N/2 BL	Version
Order No.	1793960000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233755	
Qty.	60 ST	
Type	ZQV 4N/3 BL	Version
Order No.	1793990000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233786	
Qty.	60 ST	
Type	ZQV 4N/4 BL	Version
Order No.	1794020000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233816	
Qty.	60 ST	
Type	ZQV 4N/10 BL	Version
Order No.	1794050000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234011	
Qty.	20 ST	
Type	ZQV 4N/20 BL	Version
Order No.	1909100000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248535774	
Qty.	20 ST	
Type	ZQV 4N/2 RT	Version
Order No.	1793950000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233748	
Qty.	60 ST	
Type	ZQV 4N/3 RT	Version
Order No.	1793980000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233779	
Qty.	60 ST	
Type	ZQV 4N/4 RT	Version
Order No.	1794010000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233809	
Qty.	60 ST	
Type	ZQV 4N/10 RT	Version
Order No.	1794040000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234004	
Qty.	20 ST	
Type	ZQV 4N/20 RT	Version
Order No.	1909150000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248535934	
Qty.	20 ST	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

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Accessories

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	2749340000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 ST	

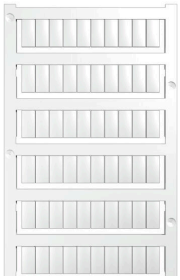
LM MT300 15X6

- Adhesive polyester labels
- Suitable for A4 laser printers
- Abrasion-resistant
- High heat resistance
- For marking all kinds of switchgear and modules
- Can also be written on with a ballpoint pen or STI marking pen

General ordering data

Type	LM MT300 15/6 WS	Version
Order No.	1686361044	LaserMark, Device markers, 6 x 15.2 mm, white
GTIN (EAN)	4008190493844	
Qty.	10 ST	

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 12/6 MC NE WS	Version
Order No.	1609900000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 ST	

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Accessories

Micro interface digital



Specific adapter to be connected to the MICROSERIE RELAYS using a 10-pole flat-cable connector or 15-pole Sub-D connector.

General ordering data

Type	MI8DI-S F10 S	Version
Order No.	8773510000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Screw
GTIN (EAN)	4032248442034	connection
Qty.	1 ST	
Type	MI8DI-S SUB D15S	Version
Order No.	8773460000	IEC 60603/DIN41612 plug-in connectors, Screw connection
GTIN (EAN)	4032248441990	
Qty.	1 ST	
Type	MI8DO-S F10 S	Version
Order No.	8773600000	Plug-in connector in acc. with IEC60603-13 / DIN41651, Screw
GTIN (EAN)	4032248442133	connection
Qty.	1 ST	
Type	MI8DO-S SUB D15S	Version
Order No.	8773550000	IEC 60603/DIN41612 plug-in connectors, Screw connection
GTIN (EAN)	4032248442089	
Qty.	1 ST	

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