

**WAS5 CCC HF 0-20/0-20MA**

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

[www.weidmueller.com](http://www.weidmueller.com)

Product is no longer available, Data sheet for information only

**General ordering data**

Version	Signal converter/insulator, Input : 0(4)-20 mA, Output : 0(4)-20 mA
Order No.	<a href="#">8447160000</a>
Type	WAS5 CCC HF 0-20/0-20MA
GTIN (EAN)	4032248100620
Qty.	1 items
Delivery status	Discontinued
Available until	2022-03-30T00:00:00+02:00
Alternative product	<a href="#">ACT20P-PRO DCDC II-S</a>

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

## Dimensions and weights

Depth	112.4 mm	Depth (inches)	4.4252 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	92.4 mm	Length (inches)	3.6378 inch
Net weight	101.2 g		

## Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...55
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## Probability of failure

MTTF	266 a
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## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	b25f3b7c-b874-4a4e-a8b2-4f423a7e2a65

## Input

Number inputs	1	Input current	0...20 mA, 4...20mA
Input resistance, current	50 Ω		

## Output

Number of outputs	1	Load impedance current	≤ 500 Ω
Output current	0...20 mA, 4...20 mA	Cut-off frequency (-3 dB)	≥ 15 kHz (typ. 20 kHz)

## General data

Accuracy	< 0.2 % of end value	Protection degree	IP20
Supply voltage	24 V DC ± 25 %	Step response time	≤ 40 μs (typ. 30 μs)
Mounting rail	TS 35	Power consumption	< 1.5 W @ IOU = 20 mA
Temperature coefficient	≤ 250 ppm/K of final value	Configuration	none

## Insulation coordination

Impulse withstand voltage	4 kV	EMC standards	EN 55011, EN 61000-6
Surge voltage category	III	Pollution severity	2
Galvanic isolation	3-way isolator	Insulation voltage input or output/rail	4 kVeff / 1 min.
Insulation voltage input or output/supply	1.2 kVeff / 5 s	Insulation voltage	1.2 kVeff / 5 s
Rated voltage	300 V		

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**Technical data****Connection data**

Type of connection	Screw connection	Stripping length, rated connection	7 mm
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping range, rated connection	2.5 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>		

**Important note**

Product information      This product will soon be replaced by a new product.  
Please do not use with new systems. Please contact our technical support.

**Classifications**

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

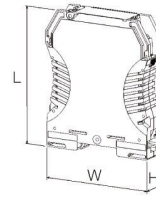
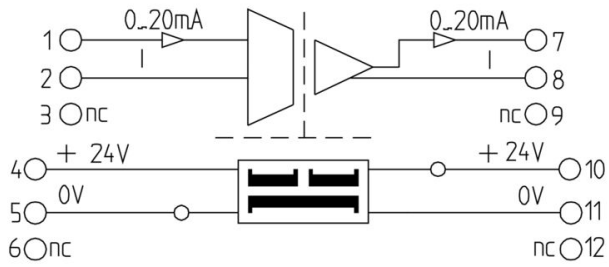
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Drawings

Electric symbol



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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 2.5N/2 GE	Version
Order No.	<a href="#">1693800000</a>	W-Series, Cross-connector, 24 A
GTIN (EAN)	40081908883621	
Qty.	60 ST	
Type	ZQV 2.5N/2 RT	Version
Order No.	<a href="#">1717900000</a>	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349288	
Qty.	60 ST	
Type	ZQV 2.5N/2 BL	Version
Order No.	<a href="#">1717990000</a>	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349295	
Qty.	60 ST	
Type	ZQV 2.5N/2 SW	Version
Order No.	<a href="#">1718080000</a>	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349301	
Qty.	60 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 10/5 MC NE WS	Version
Order No.	<a href="#">1635000000</a>	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 ST	