

WAS5 CCC 2OLP

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

www.weidmueller.com

Only remaining stock available, Do not use product for new developments



General ordering data

Version	Signal converter/insulator, Input : 4-20 mA, Output : 2 x 4-20 mA, (loop powered)
Order No.	8581160000
Type	WAS5 CCC 2OLP
GTIN (EAN)	4032248234462
Qty.	1 items
Delivery status	Discontinued
Available until	2022-03-30T00:00:00+02:00
Alternative product	ACT20P-CI-2CO-OLP-S

WAS5 CCC 20LP

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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	87.5 g		

Temperatures

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

MTTF	228 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	4...20 mA (current loop)
Voltage drop	3.8 V		

Output

Number of outputs	2	Load impedance current	$RL = (UB-12 V) / 20 \pm 20mA$, e.g. 600Ω at 24 V
Output current	2 x 4...20 mA (current loop)	Output signal limit	Approx. 31 mA
Cut-off frequency (-3 dB)	30 Hz		

General data

Accuracy	typ. 0.1 %; max 0.2 %	Protection degree	IP20
Status indicator	Green LED	Supply voltage	min. 12 V DC/ max. 30 V DC
Step response time	< 20 ms	Mounting rail	TS 35
Temperature coefficient	≤ 150 ppm/K	Configuration	none

Insulation coordination

Impulse withstand voltage	4 kV	EMC standards	EN 55011, EN 61000-6
Surge voltage category	III	Pollution severity	2

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Galvanic isolation	Passive isolator	Insulation voltage input or output/rail	4 kVeff / 1 min.
Insulation voltage input or output/supply	4 kVeff / 5 s	Insulation voltage	4 kVeff / 5 s
Rated voltage	300 V		

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 ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²		

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		

Tender specification sheets

Long specification	<p>Standard signal splitter, output-loop powered 1-channel signal splitter in 17.5 mm width, output-loop powered, for transmitting and isolating analogue DC current signals from 4 to 20 mA. Add-on housing for TS35 DIN rail installation Dimensions: L/W/H 92.4/ 17.5/ 112.4 mm Screw connection / nominal cross-section 2.5 mm²Protection degree: IP 20 Input 4...20 mA Output 2 x 4...20 mA Load resistance/ R = (UB-12 V) / 20 mA e.g. 600 Ohm at 20 mA Transmission error Auxiliary power 4...20 mA Output current loopAmbient temperature range 0°C... +55 °C</p> <p>Isolation EN 50178 , 2-way isolation up to 4 kV AC/DC Test voltage 4 kV Rated voltage 300 V AC/DC at</p>	Short specification	<p>Standard signal splitter, output-loop powered 1-channel signal splitter in 17.5 mm width, output-loop powered, for transmitting and isolating analogue DC current signals from 0/4 to 20 mA.</p>
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Technical data

overvoltage category III
and pollution degree 2
Approvals cULus
Type
CCC 20LP

WAS5

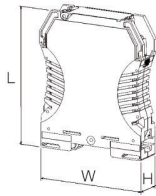
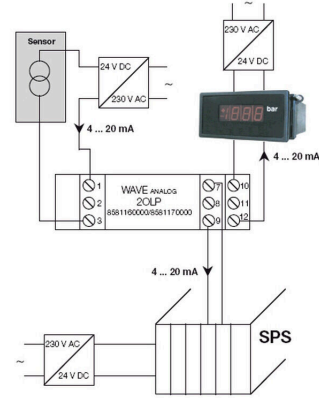
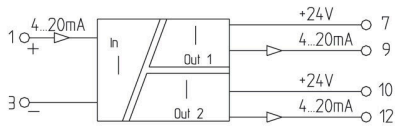
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Drawings

Connection diagram



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