

WAS5 CCC 2OLP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Only remaining stock
available, Do not use prod-
uct for new developments

**General ordering data**

Version	Signal converter/insulator, Input : 4-20 mA, Out-put : 2 x 4-20 mA, (loop powered)
Order No.	8581160000
Type	WAS5 CCC 2OLP
GTIN (EAN)	4032248234462
Qty.	1 ST
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 °C
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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 of inputs	1	Input current	4...20 mA (current loop)
Voltage drop	3.8 V		

Output

Number of outputs	2	Load impedance current	$RL = (UB - 12 \text{ V}) / 20 \pm 20 \text{ mA}$, e.g. 600 Ω 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
Voltage supply	min. 12 V DC / max. 30 V DC	Step response time	< 20 ms
Rail	TS 35	Temperature coefficient	$\leq 150 \text{ ppm/K}$
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.
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Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-20	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20
ECLASS 13.0	27-21-01-20	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Tender specification sheets

Long specification	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 mm ² Protection degree: IP 20 Input 4...20 mAOutput 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 Isolation EN 50178 , 2-way isolation up to 4 kV AC/DC	Short specification	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.
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Technical data

Test voltage	4
kV	
Rated voltage	
300 V AC/DC at overvoltage category III and pollution degree 2	
Approvals cULus	
Type	WAS5
CCC 20LP	

Drawings

Connection diagram

