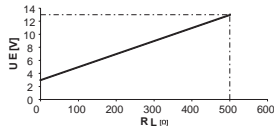


# DC/DC passive isolator

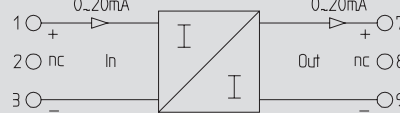
## Input current loop-fed

- Galvanic isolation
- Very low power consumption
- Secure disconnection



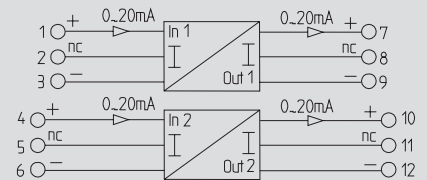
## CCC LP

### (1-channel)



## CCC LP

### (2-channel)



## Technical data

### Input

Input voltage/Input current  
Max. voltage/Max. current  
Operating current  
Voltage drop

### Output

Output voltage/Output current  
Load resistance voltage/Current  
Accuracy  
Temperature coefficient  
Influence of load impedance  
Residual ripple  
Chopper frequency

### General data

Operation temperature  
Storage temperature  
Approvals

### Insulation coordinates

Standards  
EMC standards  
Rated voltage  
Impulse withstand voltage  
Isolation voltage Input, output  
Overvoltage category  
Pollution severity  
Clearance & creepage path

/O(4)...20 mA current loop  
18 V/50 mA  
< 100 µA  
approx. 3V at RL=0 Ω; approx. 13V at RL=500 Ω;(lin=20mA)

/O(4)...20 mA  
/ < = 500 Ω  
< 0.1 % of final value  
< 50 ppm/K of final value  
< 0.1 % of measurement value/100 Ω load resistance  
< 20 mVeff  
approx. 170 kHz

-25 °C...+70 °C  
-40 °C...+80 °C  
CSA / GL / UL/UR / CE / ESD

EN 50178 (safe separation)  
EN 50081, EN50082, EN55011  
300 V  
6 kV  
4 kVeff / 1 s  
III  
2  
≥ 5.5 mm

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18 V/50 mA  
< 100 µA  
approx. 3V at RL=0 Ω; approx. 13V at RL=500 Ω;(lin=20mA)

/O(4)...20 mA  
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CSA / GL / UL/UR / CE / ESD

EN 50178 (safe separation)  
EN 50081, EN50082, EN55011  
300 V  
6 kV  
4 kVeff / 1 s  
III  
2  
≥ 5.5 mm

### Dimensions

Clamping range (rating- / min. / max.) mm<sup>2</sup>  
Length x width x height mm

### Information

### Screw connection

2.50 / 0.50 / 2.50  
92.4 x 17.5 x 112.4

### Tension clamp c.

1.50 / 0.50 / 2.50  
92.4 x 17.5 x 112.4

Tu=23°C, single module

### Screw connection

2.50 / 0.50 / 2.50  
92.4 x 17.5 x 112.4

### Tension clamp c.

1.50 / 0.50 / 2.50  
92.4 x 17.5 x 112.4

Tu=23°C, single module

## Ordering data

### Type of connection

Screw connection  
Tension clamp c.

Type	Qty.	Order No.
WAS5 CCC LP 0-20/0-20mA	1	8444950000
WAZ5 CCC LP 0-20/0-20mA	1	8444960000

Type	Qty.	Order No.
WAS5 CCC LP 0-20/0-20mA	1	8463580000
WAZ5 CCC LP 0-20/0-20mA	1	8463590000

### Information

## Accessories

### Information