

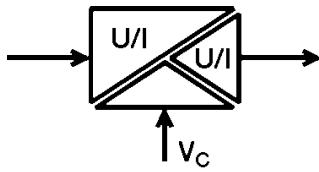
## WAVEANALOG DC/DC

- 3-way-isolation
- Analog signal conditioning
- Indication LED
- Cross-connectable voltage supply via cross-connectors

### Approvals:

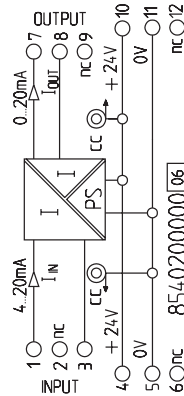


#### Block diagram



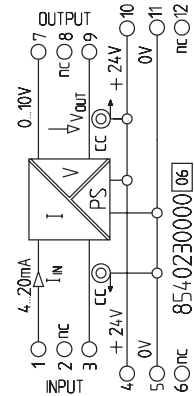
## CCC

4...20 mA/0...20 mA



## CVC

4...20 mA/0...10 V



Ordering data
Screw connection
Tension clamp connection
Input/output

Technical data
<b>Input signal</b>
Input current max
Input resistance
<b>Output signal</b>
Load resistance
Accuracy at $T_U=23^\circ\text{C}$
Temperature coefficient
Response time
Cut-off frequency (-3 dB)

General*
Voltage supply
Power consumption
Current carrying capacity of cross-connection
Operating temperature
Storage temperature
Dimensions W/L/H
Approvals

Coordination of insulation according to EN 50178, 04/98
Rated voltage
Rated surge voltage
Overvoltage category
Contamination class
Clearance and creepage distance
Coupling capacity
Input/output to supply
Isolation voltage, voltage strength
Input/output to mounting rail

Standards/specifications
EMC standards
Dimensions and accessories see

\* $T_U = 23^\circ\text{C}$  single module

Type	Part No.
WAS5 CCC	8540200000
WAZ5 CCC	8540210000
4...20 mA/0...20 mA	

4...20 mA
25 mA
$\leq 110 \Omega$
0...20 mA
$\leq 600 \Omega$
0.2%
$\pm 250 \text{ ppm/K}$
$\leq 45 \text{ ms}$
10 Hz

24 VDC $\pm 25\%$ (18 VDC...24 VDC...30 VDC)
$< 1.5 \text{ W}$ at $I_{\text{out}} = 20 \text{ mA}$
$\leq 2 \text{ A}$
$0^\circ\text{C} \dots +55^\circ\text{C}$ (horiz. mounted)
$-20^\circ\text{C} \dots +85^\circ\text{C}$
17.5/92.4/112.5 (.69/3.64/4.43)
CE, UL

300 V
4 kV
III
2
$\geq 3$ (.12)
1 nF
4 $\text{kV}_{\text{eff}}/\text{1 min}$

EN 50178
EN 50081, EN 50082, EN 55011
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Type	Part No.
WAS5 CVC	8540230000
WAZ5 CVC	8540240000
4...20 mA/0...10 V	

4...20 mA
25 mA
$\leq 110 \Omega$
0...10 V
$\geq 1 \text{ k}\Omega$
0.2%
$\pm 250 \text{ ppm/K}$
$\leq 45 \text{ ms}$
10 Hz

24 VDC $\pm 25\%$ (18 VDC...24 VDC...30 VDC)
$< 1.3 \text{ W}$ at $I_{\text{out}} = 5 \text{ mA}$
$\leq 2 \text{ A}$
$0^\circ\text{C} \dots +55^\circ\text{C}$ (horiz. mounted)
$-20^\circ\text{C} \dots +85^\circ\text{C}$
17.5/92.4/112.5 (.69/3.64/4.43)
CE, UL

300 V
4 kV
III
2
$\geq 3$ (.12)
1 nF
4 $\text{kV}_{\text{eff}}/\text{1 min}$

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