

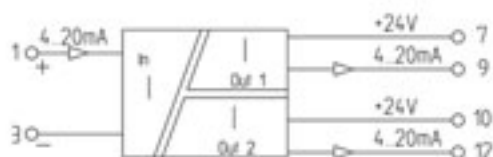
Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)
[8581170000](#)

For any questions, you can email us directly:
sales@integrated-circuit.com


General ordering data

| | |
|------------------|--|
| Order No. | 8581170000 |
| Part designation | WAZ5 CCC 2OLP |
| Version | Signal distributor, 2 x 4...20 mA (current loop) , Tension clamp connection |
| EAN | 4032248234479 |
| Qty. | 1 pc(s). |

Input

| | |
|------------------|--------------------------|
| Input current | 4...20 mA (current loop) |
| Max. current | 40 mA |
| Voltage drop | 3.8 V |
| Number of inputs | 1 |

Output

| | |
|---------------------------|--|
| Output current | 2 x 4...20 mA (current loop) |
| Load resistance, current | $R = (U - 12 \text{ V}) / 20 \text{ mA}$ z.B. 600 Ω at 24 V |
| Output signal limit | Approx. 31 mA |
| Accuracy | Typical 0.1%, max. 0.2% |
| Cut-off frequency (-3 dB) | 30 Hz |
| Residual ripple | 20 mV 120 mV at 500 Ω |
| Step response time | < 20 ms |
| Status indicator | Green LED |
| Temperature coefficient | $\leq 150 \text{ ppm/K}$ |
| Number of outputs | 2 |

General data

| | |
|-----------------------------------|-----------------------------|
| Function | Signal distributor |
| Input/Output | 4...20 mA/ 2 x 4...20 mA |
| Galvanic isolation | Passive isolator |
| Type of connection | Tension clamp connection |
| Mounting rail | TS 35 |
| Weight | 100 g |
| Voltage supply | Min. 12 V DC/ max. 30 V DC |
| Ambient temperature (operational) | 0°C...+55 °C (side by side) |

General data

Storage temperature -20 °C...+85 °C

Insulation coordination

| | |
|---|----------------------|
| Standards | EN 50178 |
| EMC standards | EN 55011, EN 61000-6 |
| Insulation voltage input, output | 4 kV / 5 s |
| Insulation voltage output/output | 4 kV / 5 s |
| Insulation voltage input or output/rail | 4 kV / 1 min. |
| Insulation voltage input or output/supply | 4 kV / 5 s |
| Clearance & creepage distances | ≥ 5.5 mm |
| Impulse withstand voltage | 4 kV |
| Pollution severity | 2 |
| Overvoltage category | III |
| Rated voltage | 300 V |

Dimensions

| | |
|----------------------|---------------------|
| Clamping range, max. | 2.5 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Clamping range, nom. | 1.5 mm ² |
| Length | 92.4 mm |
| Height | 112.4 mm |
| Width | 17.5 mm |

Approvals

Approvals institutes


Classifications

| | |
|------------|-------------|
| eClass 4.1 | 27-21-01-20 |
| eClass 5.0 | 27-21-01-20 |
| eClass 5.1 | 27-21-01-20 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|---|
| 8581160000 | WAS5 CCC 2OLP | Signal distributor, 2 x 4...20 mA (current loop) , Screw connection |