



DO, DC 24 V, 500 mA

DO 2x DC 24 V, 500 mA

- 24 V DC output voltage
- 500 mA output current per channel
- A blue LED indicates the module's operating status
- Green LEDs (one for each output) indicate the output status
- 2 outputs, electrically isolated from the backplane bus

Technical specifications

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|--|---|
| General information | |
| Order number | 600-220-0AB01 |
| Article name | DO 2x DC 24 V, 500 mA |
| Scope of delivery | DO 2x DC 24 V, 500 mA |
| Dimensions (DxWxH) | 110 x 14 x 73 mm |
| Weight | Approx. 70 g |
| Number of outputs | 2 |
| Electrical isolation | |
| from the backplane bus | Yes |
| Between the channels | No |
| Supply voltage U_p, U_s | |
| Rated value | 24 V DC |
| Ripple U_{SS} | max. 3.6 V |
| Permissible range (with ripple) | 20 ... 30 V |
| Voltage for $t < 10$ ms | 50 V |
| Output current | |
| Rated value | 500 mA |
| Leakage current | Max. 0.5 mA |
| Current draw | |
| External | max. 10 mA + Load |
| Internal | max. 27.5 mA |
| Power dissipation | Max. 0.7 W |
| Output short-circuit protection | Electronic, for each individual channel |
| Inductive cutoff voltage limit | -48 V |
| Hot-swap capable | Yes |
| Ambient conditions | |
| Ambient temperature | 0 °C ... +60 °C |

| | |
|-----------------------------------|---|
| Transport and storage temperature | -20 °C ... +80 °C |
| Relative air humidity | 95 % r H without condensation |
| Protection rating | IP 20 |
| Certifications | CE, UL |
| UL | |
| Surrounding Air Temperature | 0 °C ... +60°C |
| Pollution degree | 2 |
| CE | |
| Noise immunity | DIN EN 61000-6-2 "EMC Immunity" |
| Interference emission | DIN EN 61000-6-4 "EMC Emission" |
| Vibration and shock resistance | DIN EN 60068-2-6:2008 „Vibration“, DIN EN 60068-2-27:2010 „Shock" |
| RoHS | Yes |
| REACH | Yes |