



DO, DC 24 V, 700 mA, Highfeature

DO 8 x DC 24 V, 700 mA, Highfeature

- 24 V DC output voltage
- 700 mA output current per channel
- A blue LED indicates the module's operating status
- Green/red LEDs indicate the output status
- 24 V load voltage monitoring and diagnosis
- Short circuit to GND monitoring and diagnosis for each individual channel
- Channel status information in input image table
- Pulse extension 5 ms ... 1275 ms
- Overtemperature detection
- 8 outputs, electrically isolated from the backplane bus

Channel LED signals

Off Output off Solid green light Output on Solid red light 24 V load voltage (L+) missing Flashing red light Short circuit to GND detected

Technical specifications

General information	
Order number	600-220-7AH01
Article name	DO 8x DC 24 V, 700 mA, Highfeature
Scope of delivery	DO 8x DC 24 V, 700 mA, Highfeature
Dimensions (DxWxH)	110 x 14 x 73 mm
Weight	Approx. 70 g
Number of outputs	8
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	700 mA
Leakage current	Max. 0.5 mA
Current draw	
External	Max. 40 mA + load
Internal	max. 35 mA
Power dissipation	Max. 1.0 W
Output short-circuit protection	Electronic, for each individual channel, diagnosis

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