



Features

- ✓ New supply voltage for the backplane bus
- ✓ 2.5 A, 5 V DC output current for the backplane bus
- ✓ Powers the power bus to the right
- ✓ Segments the power bus to the left
- ✓ A green LED indicates the 24 V DC status
- ✓ Diagnostic messages in the event of a loss of voltage or short circuit on the backplane bus
- ✓ A bi-color LED (blue/red) indicates the module operating status and any malfunctions

Powermodul DC 24 V

This module can be used to subdivide a power bus into individual segments.

Note: Individual modules cannot be combined with the IO systems of other manufacturers.

The 24 VDC power module provides a new supply voltage for the backplane bus and also serves as a power and isolation module for the power bus' 24 V DC, GND, and AUX.

General information

Order number	600-700-0AA01
Article name	Power and isolation module DC 24 V, 8 A
Scope of delivery	Power and isolation module DC 24 V
Dimensions (DxWxH)	110 x 14 x 73 mm
Power dissipation	Max. 0.3 W
Weight	Approx. 75 g

Current draw

External	Max. 22 mA
Internal	Max. 5 mA

Load

Per contact	8 A
Total 24 VDC supply	8 A
Total GND supply	8 A
Total AUX supply	8 A
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 60068-2-8:2008 "Vibration", DIN EN 60068-27:2010 "Shock"
RoHS	Yes
REACH	Yes

As of: 7 - 2026