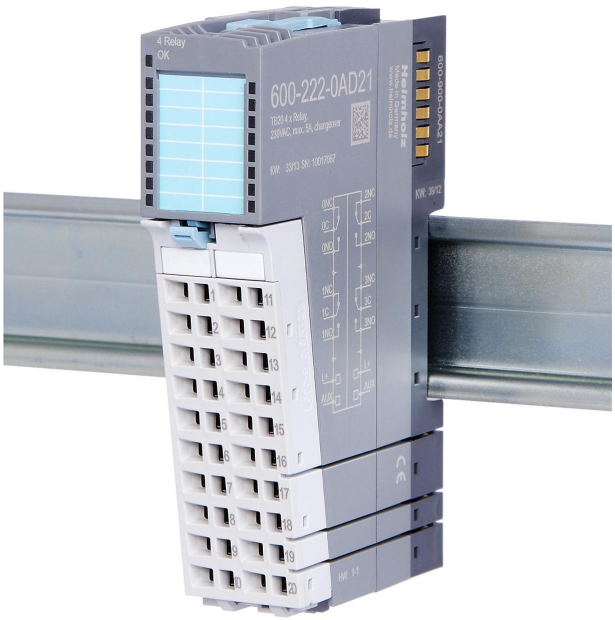
600-222-0AD21



Digital-output-module, relay, 5A, changeover 4x

- Dry contact switching
- 5 A output current per relay
- Up to 230 V AC switching voltage per relay
- Switching operation counter: two input words (switching operations *1,000)
- Transient filter for protection against high-frequency relay switching (10 Hz)
- A blue LED indicates the module's operating status
- Green LEDs (one for each output) indicate the output status
- Four changeover relays

Info

Digital output modules for the modular fieldbus IO system TB20. Note: Individual modules cannot be combined with IO systems from other manufacturers.

The scope of delivery already includes the appropriate front connector for the cabling and a base module. The module has 4 changeover relay outputs.

Technical data

General information	
Order number	600-222-0AD21
Article name	DO 4x relays, 5 A, AC 230 V, changeover
Scope of delivery	DO 4x relays, 5 A, AC 230 V, changeover
Dimensions (DxWxH)	110 x 25 x 73 mm
Weight	Approx. 120 g
Number of outputs	8 (four changeover relays)
Hot-swap capable	Yes
Electrical isolation	
from the backplane bus	Yes
Between the channels	Yes
Supply voltage UP, US	
Rated value	24 V DC
Ripple USS	max. 3.6 V
Permissible range (with ripple)	20 ... 30 V
Voltage for t < 10 ms	50 V
Current draw	
External	Max. 60 mA
Internal	Max. 60 mA
Relays	
Number	4
Max. continuous current / max. inrush current	5 A/10 A
Rated voltage / max. switching voltage	250 V AC/400 V AC
Max. switching power for utilization category AC-1	1500 VA
Max. switching power AC15 (230 V AC)	300 VA
Single-phase motor load, AC3 – running (230 V AC)	0.185 kW
Max. switching current for utilization category DC-1: 30/110/220 V	6/0.2/0.12 A
Min. switching capacity	500 mW (12 V/10 mA)
Mechanical life	10 * 106 switching operations
Electrical life for utilization category AC-1	60000 switching operations
Dielectric strength, coil to contact	6 kV (8 mm)
Dielectric strength across open contacts	1000 V AC
Max. switching frequency (internal protection)	10 Hz
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"